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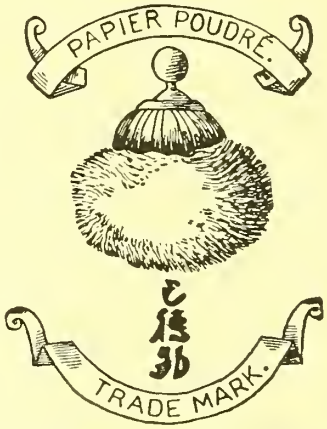

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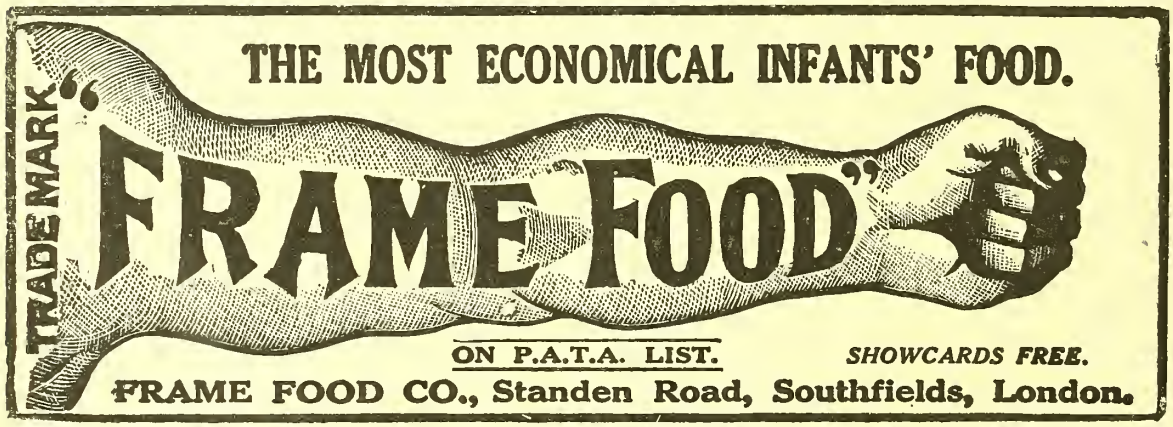

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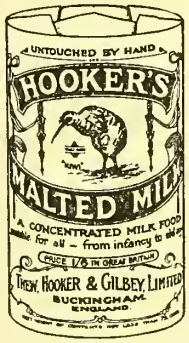

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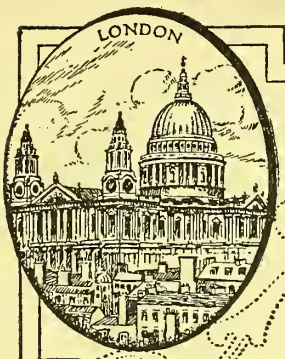

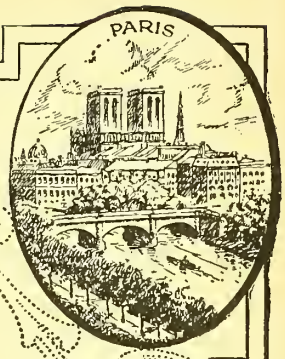

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Isarol (best Ichthyol substitute)
Lithia Carbonate
Lithol (Ichthyol substitute)
Mercurials
Methylene Blue Medicinal
Methyl Salicylate
Peppermint Oil
Pepsines, Pancreatin, Peptone and other digestive Ferments
Phenacetin
Phenazone
Phenolphthalein
Pyrogallic Acid
Potassium Sulpho-Guaiacolate
Quinine and Salts
Quinine Ethyl Carbonate
Salicylic Acid
Salicylate of Soda
Salol
Silver Proteinate
Sugar of Milk
Tannic Acid
Tannin Albuminate
Terpineol
Terpine Hydrate
Theobromine
Thymol Crystals
Vanillin

R. W. Greeff & Co.

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MANCHESTER BRANCH:
Lloyds Bank Buildings,
King Street.

Also at NEW YORK:
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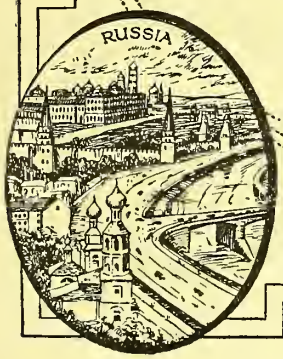

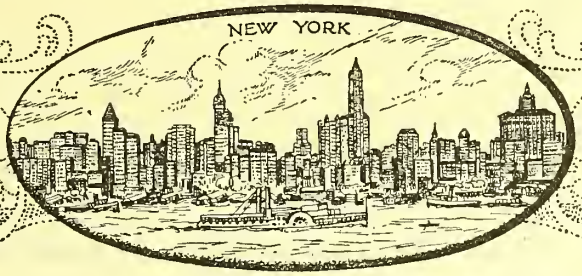

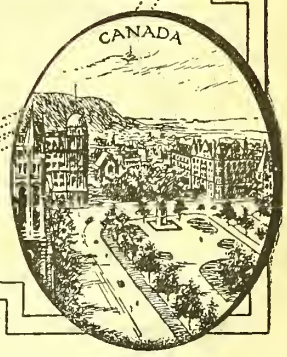

The vignettes indicate the countries from which the products offered are mainly drawn.

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Real Old-fashioned Air Bleached

BEES-WAX

GUARANTEED ABSOLUTELY PURE.

PURE ENGLISH REFINED SPERMACETI, Paraffin Wax, Ceresine, Stearic Acid, Pure Olive Oil, Castor Oil, Palm Oil, Peach Kernel Oil, Cod Liver Oil, Slab Oil, "Farrisol" Paraffinum Liquidum B.P., "Farrisol" Snow White Opaque Jelly B.P., Lanoline, White Oils, &c. Oil Refiner to H.M. Government.

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Works: HELMET COURT, BISHOPSGATE.

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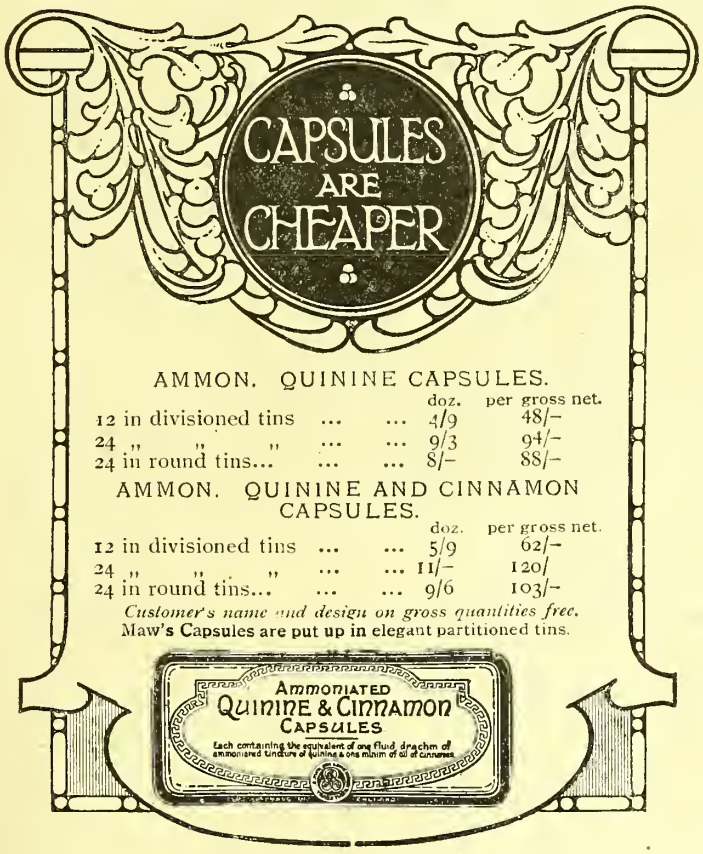
WAXES OF EVERY KNOWN KIND and FOR EVERY PURPOSE.

Maw's Page

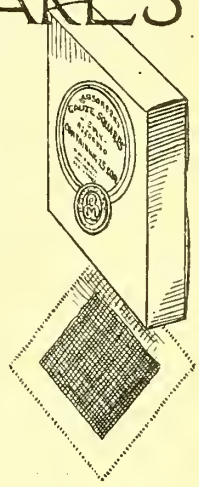
S. MAW, SON, & SONS.
(G.P.O. BOX No. 54.)
7-12, ALDERSGATE ST.
LONDON, E.C.

NUMBER 262 OCT. 21, 1916

HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m. CLOSE AT 1 p.m. SATURDAYS



ABSORBENT GAUZE SQUARES



The centre of these Squares is composed of a triple layer of fibre, assuring quick absorption when applied to sores, cuts, and abrasions. Nurses find them invaluable for cleansing the eyes and mouths of infants. These Squares also make splendid dental napkins.

Made in five sizes, and put up in quantities of 25 in strong litho cartons.

Approx. size.	Price dozen cartons.
2 × 2	2/6
3 × 3	3/6
4 × 4	5/-
6 × 6	11/-
8 × 8	20/-

Also in cartons of 25 assorted, containing 2 × 2, 3 × 3, and 4 × 4 sizes. Price 4/3 dozen. One of our newest lines, and one of our best.

The Order of the Bath

In these days it is strange to read of the prejudice against ablutionary habits expressed by well-known people of bygone eras.

Pepys writes contemptuously of his wife, after a spring cleaning, having gone to a hot bath in town "to cleane herself," and consoles himself with the reflection that so unusual a passion for cleanliness would not last. Although Mrs. Pepys indulged in one bath a year, she at least went one better than Dr. Johnson, who was absolutely opposed to a thorough immersion.

. . .

Lady Duff Gordon, in 1850, related "how horrified the good people of Herefordshire were when it was known that I and my sisters took baths."

"The war," said a newspaper recently, "has lessened the expenditure in perfumes, but the modern woman still indulges in the 'luxury' of adding something to her morning bath."

. . .

That "something!"

. . .

Many ladies favour the addition of Eau de Cologne (our No. 11 Brand would be appreciated), but quite a large demand is being built up for our daintily perfumed series of bath powders, which reveal their purity by the name of 'Parex' (Regd.) printed on every container.

'Parex' Bath Powders are *instantly* soluble in cold or hot water, and they have the advantage of being twice the strength of bath salts.

. . .

The shilling size is now put up in neat cardboard barrels (7/9 doz.), and the 1/9 size—twice the quantity—is supplied in handsome wooden barrels (13/6 doz.) Our bonus scheme, of course, applies to both sizes.

The perfumes are Lavender, Cologne, Violet, Oriental, Rose and Verbena. 'Parex' Bath Powders make an exceedingly refreshing and invigorating preparation; so that women can hardly be accused of extravagance by indulging in a 'Parexed' bath during these trying times.

Capsule

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VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: INGRAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

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Something to meet every need.

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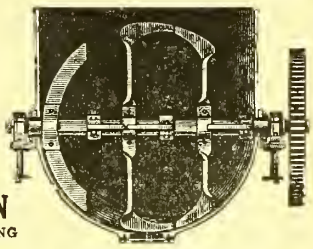
MIXING MACHINE

Automatic Self-Cleaning.
Lowest Possible Driving Power.
Lightning Mixing.
Rapid Exhaust.
All sizes, to mix from 2 lbs. up to 6 tons.



Sectional Side View.

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Price 7/6 doz.; 12 doz. 7/-. P.A.T.A.

Write for full Illustrated Catalogue.

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Plus 10% and 4½%

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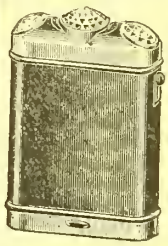

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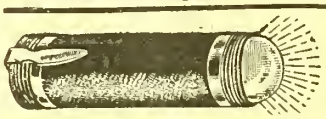

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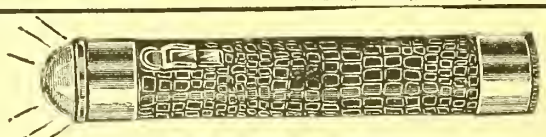

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The greatest of all floral air-purifiers.

A concentrated combination of the choicest flowers, aromatic herbs and roots, with the rare spices and gums of Arabia. "Petal Dust" has been the favourite perfume of all classes for over half a century and still commands the largest sale of any dried perfume in the world.

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HOT WATER BOTTLE COVER.

(GERRARD'S PATENT).

WOOL - LINED
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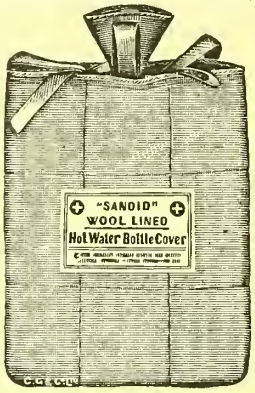
RETAIN THE HEAT



COMFORTABLE in USE
GIVE SATISFACTION
WEAR WELL

IN THREE COLOURS, PINK, RED AND BLUE.

8×6	10×6	10×8	12×6	12×8	12×10	14×8	14×10	14×12
5/-	5/-	6/-	6/-	6/-	7/6	7/6	9/-	9/- doz.

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PROFITABLE SELLERS
FOR PRESENT SEASON.

A1 MENTHOL SNUFF (In Oak Design Tin)
P.A.T.A. 3½d., 2/1 doz.; 6 doz., 1/10; 1 gross, 20/6.

A1 VIOLET COLD CREAM
1½d. Tins, 13/- gross; 3d. Tins in carton, 2/- doz.

COLD CREAM (in Tubes)
Quality 1. 3/-, 3/6 and 5/6 doz. In Bulk, 1/2 lb. Best Quality.
" 2. 2/9, 3/3 and 4/9 " " " 9d. lb. "M" " "

TOILET LANOLINE (in Tubes)
2/9, 3/3 and 4/9 doz.

BROMPTON LOZENGES
In Decorated Hinged Tins, 2/9 and 4/- doz.

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THYMOL TOOTH PASTE ... " "

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Small, 3/- doz.; 3 doz. 2/9; 6 doz. 2/6; 1 gross 27/-
Large, 4/- " 3 " 3/9 6 " 3/6 1 " 39/-
This is a splendid selling line, having received the Certificate of Merit from the Institute of Hygiene.

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A very fast selling 1d. line for Winter, 8/- gross.

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Each in carton, 3/- doz.; 6 doz. 2/9; 1 gross 30/-

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Safety Razor Blades
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Any Style. **6d.** per doz. Returned post free same day.

Honed, Stropped, and Finished by the latest machinery.
SATISFACTION GUARANTEED.

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P.S.—Send Blades to the nearest depot.

"PROFIT WITH ECONOMY."

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For The Relief of Asthma Hay Fever Bronchitis & Diseases of the Respiratory Apparatus
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1/- TINS (P.A.T.A. 1/-)

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ADVERTISED EVERYWHERE

GIVES INSTANT RELIEF

POTTER'S ASTHMA SMOKING MIXTURE.
Composed entirely of Herbs carefully compounded and prepared ready for smoking either mixed with ordinary Tobacco or by itself. It may also be used in Cigarette form
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A really High-Class Line for PHARMACISTS

Made of finest *White* Ivory China, and superior finish to those usually sold by Ironmongers, &c.

Has no corners, therefore more comfortable for patient. Looks smart in a Chemist's stock.

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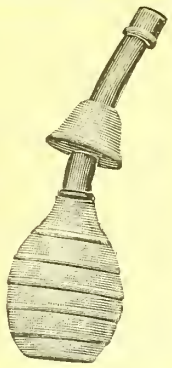

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WHIRLING SPRAYS,
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The BEST VALUE on the MARKET

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FOR

CHAPPED HANDS & ROUGH SKIN

SELLS AT SIGHT,
pleases your customers, and
YIELDS 100 PER CENT. PROFIT

2D. per tablet

3 doz. ...	4/-	2 gross ...	2½%	13 to doz., cash with order.
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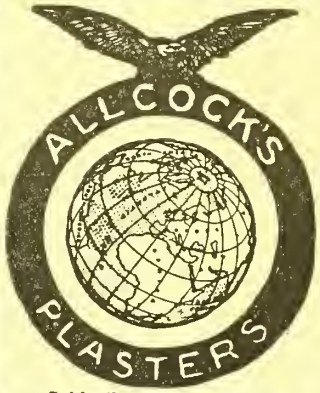

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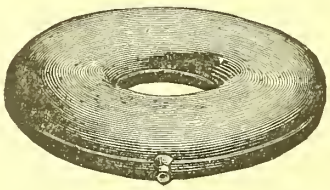

Fig. 1194.

BRITISH MAKE.

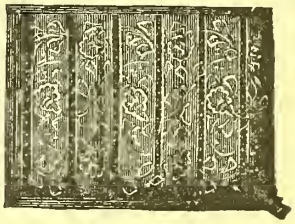

Fig. 1354.

Fig. 1194.—The "**EMPIRE,**" red India-rubber Air Cushion—

Diameter	14	15	16	17	18	19	20 in.
Each ...	6 6	7 0	8 0	8 6	10 0	11 6	12 6

Fig. 1354.—Air Cushion, sateen covered, reeded ... ... Sizes 14×10 | 15×12 | 18×14 in.
Each 4 3 | 4 9 | 6 0

Special Line.—Khaki-covered Pillow, 17×12 in., in khaki case with clasp ... ... each 4 9
,, ,, ,, ,, ,, super quality ... ,, 6 0

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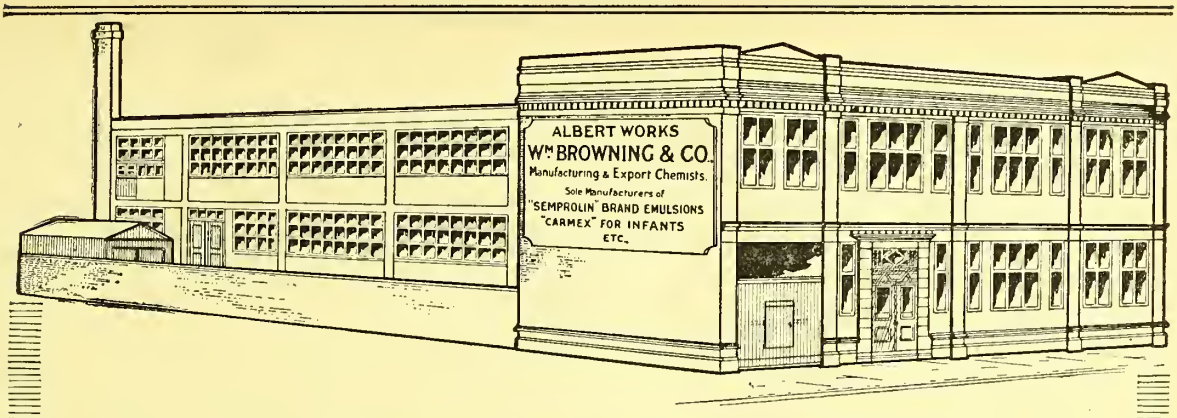

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All our business will be carried on here after OCTOBER 23, 1916

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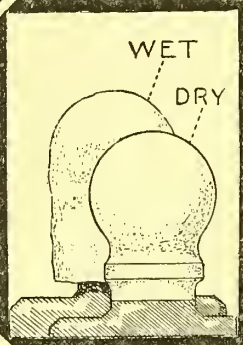

ONE GOOD TURN DESERVES ANOTHER.

If you just slip a wet

SEMREH

BOTTLE CAP

over the stopper of a bottle, in a few hours it will turn into an elegant capping. SELF-FIXING, you see.

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THE VISCOSE Development Co., Ltd.

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FOR HOME TRADE AND FOR EXPORT.

Are fully covered by warranty "B.P.," or, "to formula.

Are manufactured to suit the climate in which they are to be used.

Are delivered carefully packed in airtight tins, unless unsuitable or otherwise order

Always arrive in good condition.

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"HYDRION" A Powerful Antiseptic Tablet quickly soluble in water: for Dressing Skin Wounds, Lacerations, Compound Fractures, Burns, &c.

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The "NEW CENTURY" Urethral Syringe.

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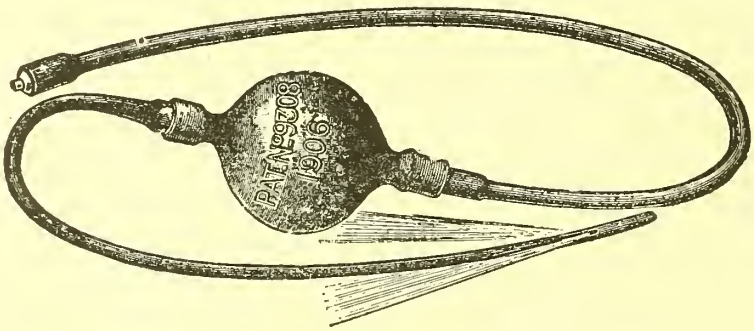

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(3) Absence of hard material in construction.
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COMPRESSED INJECTION TABLETS, SPECIALLY MANUFACTURED for use with the "NEW CENTURY" URETHRAL SYRINGE.

Each tablet makes half a pint of non-irritating injection.
Glass Tubes, containing 12 tablets, price 6d. each tube.

"DETERGOL" *BRITISH MADE WITH BRITISH MATERIAL.*

AN IDEAL ANTISEPTIC DEODORANT DISINFECTANT.

Contains 20% more Cresol than any other similar preparation.

Superior to any German Preparation.

Surgical Instruments can be safely sterilised and disinfected in a few seconds without danger of corroding by using "**Detergol.**"

USED BY THE MEDICAL PROFESSION FOR FOURTEEN YEARS.

TABLETS, PILLS, etc., and CHEMICAL and MEDICINAL PREPARATIONS of all descriptions

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TRADE "Eclipse" MARK
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HOT WATER BOTTLES

FITTED WITH INGRAM'S "ECLIPSE" STOPPER.
GUARANTEED NOT TO SLIP OR LEAK.

BRITISH MADE
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Size, inches ...	10x6	10x8	12x6	12x8	12x10	14x8	14x12	16x12
Approx. weight, ozs.	10½	11½	11½	12½	15	14½	18¾	21¼

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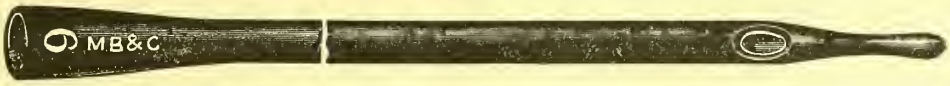

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Paraffin liq.	11/9 per gall.
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Peptone bacteriological pulv. ...	16/- ,,
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Resorcin	140 - ,,
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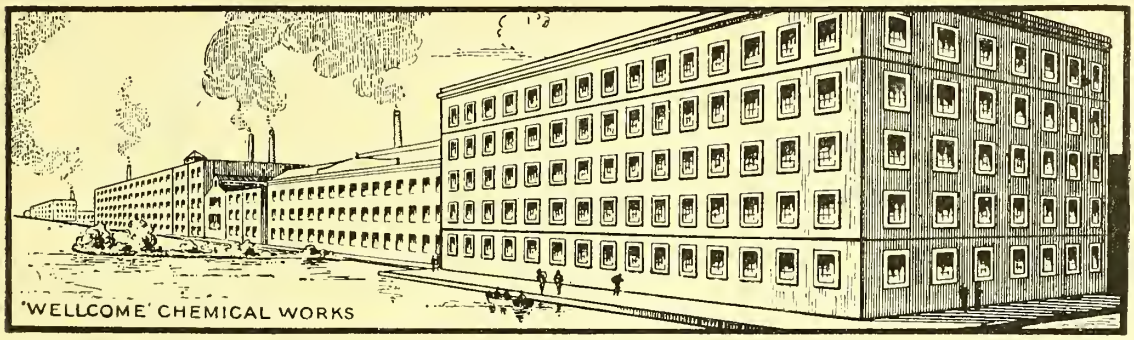

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0·5 gm. ,, ,,	24/0	,,	72/0	,, ,,

Prices subject

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Supplied as follows:

gr. 3 bottles of 25 at	7/0	*and 100 at*	21/0	*per doz. bottles*
gr 5 ,, ,,	8/0	,,	24/0	,, ,,
0·5 gm. ,, ,,	12/0	,,	36/0	,, ,,
1 gm. ,, ,,	20/0			

Prices subject

Prices of 'Wellcome' Brand Sodium Salicylate, P.P. on application

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Coming Events.

Sunday, October 22.

Pharmacists' Volunteer Corps, Brockwell Park, London, S.E., at 10 A.M., Company Parade. There will be no parade on Wednesday and Thursday.

Monday, October 23.

Leith Pharmacists' Association, Wilson's Rooms, Hope Street, at 8.30 P.M. Annual meeting.

Wednesday, October 25

Birmingham Pharmaceutical Association, The University, Edmund Street, at 3 P.M. Annual meeting and election of Council.

Liverpool Chemists' Association, Royal Institution, at 3.30 P.M. Address by Mr. E. T. Neathercoat.

Thames Valley Pharmacists' Association, Scotch Café, Clarence Street, Kingston-on-Thames, at 3 P.M. Annual meeting and election of Committee.

Thursday, October 26.

London County Pharmaceutical Association, Holborn Restaurant, W.C., at 3 P.M. Annual meeting and address on "Insurance Dispensing," by Mr. E. T. Neathercoat, Vice-President of the Pharmaceutical Society.

Wills.

Mr. George Edward Wood, chemist and druggist, Southport, who died on July 24, left estate of the gross value of 5,716*l.* and 5,669*l.* net.

Mr. Thomas Yendall, drug-stores proprietor, Hawthorndene, Risca (Mon.), who died on June 29, aged sixty-one, left estate of the gross value of 3,165*l.*, and 2,201*l.* net.

European War News.

Export Notices.

Switzerland.—By a Decree of the Swiss Federal Council dated September 25, acetate of lead, synthetic perfumes, perfumery, and cosmetics (in so far as the exportation thereof is not already prohibited), vinegar, and acetic acid (12 per cent. or less) have been placed on the list of prohibited exports.

United Kingdom.—The Foreign Office has issued a statement that no further licences will be issued in the United Kingdom or in British Possessions overseas for the exportation of fish oil, starches, talc (all forms) to Norway; talc (all forms) to Sweden, Denmark, and Holland; talc (all forms), plumbago, graphite, and black-lead to Holland.—Quillaia-bark has been added to Class "C" of the prohibited and restricted exports.

Personalia.

Private R. McDill, Seaforth Highlanders, killed in action, was employed with Boots, Ltd., Edinburgh.

Rifleman M. L. Woolf, 6th City of London Regiment, son of Mr. Edmund Woolf, druggists' sundriesman, Birmingham, has been wounded in a recent action.

Private Robert Rennie, Argyll and Sutherland Highlanders, who was with Pinkerton, Gibson & Co., wholesale druggists, Edinburgh, has been killed in action.

Mr. Edward T. Powell, representative of J. B. Hay & Co., 47 Rupert Street, W., has joined the R.A.M.C., and is at their training centre, Codford St. Mary, Wilts.

Mr. E. W. Bell, son of Mr. E. W. Bell, sen., pharmacist, Spalding, who was recently invalided out of the Army, has been given a commission in the Army Service Corps.

Alderman Owen A. Clark, pharmacist and Mayor of Bury St. Edmunds, has been informed that his brother, Captain Sydney Clark, M.D., of the R.A.M.C., was killed in action on October 2.

Private George Barclay (aged twenty-four), who prior to enlisting in the London Regiment was a chemist's assistant, and was previously reported wounded and missing, is now reported killed on September 9.

Private George Swanson, Cameron Highlanders, has been officially reported wounded and missing since September 3. Previous to enlisting he was employed by Mr. R. Robertson, chemist and druggist, Musselburgh.

Corporal H. Leefe, of the Yorkshire Regiment, who has been wounded in the head, was an assistant with Taylor's Drug Co., Ltd., before the war, his home being at 22 Gladstone Street, Scarborough, where his wife and two children are.

Lance-Corporal Joseph Longton, King's Liverpool Regiment, who enlisted in September 1914 while a chemist at Widnes, has been awarded the Military Medal for gallantry and devotion to duty on the Somme when under shell-fire for thirty hours.

Lieutenant T. G. Rutherford, Canadian Infantry, who succumbed on October 12 to wounds received in action, was the son of a clergyman in Holywood, co. Down, and went to Canada seven years ago. He was in the drug-trade, and enlisted in Winnipeg at the outbreak of war, receiving his commission on the field for bravery and leadership.

Lieutenant E. C. Evans, Canadian Highland Regiment, has been wounded in action and is in the London Hospital. He was injured in the head and hands, and is progressing satisfactorily. He is the eldest son of Mr. Alfred B. Evans, Vice-President of the National Drug and Chemical Co. of Canada, and a director of Evans Sons Lescher & Webb, Ltd. He had been in the fighting-line for over a year.

Corporal Richard Heaward Robinson, of the R.A.M.C., and son of Mr. R. F. W. Robinson, dispensing chemist, 129 Brighton Street, Seacombe, has been awarded the Military Medal "for extraordinary zeal and courage; he conducted stretcher-bearers time after time over shell-swept ground, collecting wounded, and continuing the work after daylight. He and his stretcher-bearers were splashed with shells, but continued working in high spirits. After daylight on the morning of September 15 he searched ravines for wounded in front of our lines." The corporal is in the dental profession.

Mr. H. M. Burnside, of the Australian Infantry Force, has been in London this week, and we had an interesting chat with him in regard to military work in Egypt and the Somme where he has been fighting. He has had a rather severe neuralgia of the frontal sinus, but is now convalescent. Mr. Burnside is a partner in Burnside &

Co., the eucalyptus-oil distillers, of Eaglehawk, Victoria, and we had an interesting conversation with him regarding the firm's work in that regard. They have developed methods for the production of oil having high cineol content, which are excellent, and ensure continuous supply of high-grade oil.

Miscellaneous.

Enemy Patents.—Bagley, Mills & Co., Ltd., 92 Victoria Street, Westminster, S.W., are applying for the avoidance, suspension, or the grant of a licence to use five patents belonging to Carl Still, which have to do with the recovery of by-products from coke-ovens. The hearing is to take place at the Patent Office Court on November 1.

Anglo-Swedish Trade.—It is stated that the two Governments have come to a provisional agreement as regards trade. The British Government, in order to meet the views of Sweden, has altered the exports certificate so that it becomes a declaration to the effect that the exporter is alone interested in the articles exported, while the British Consul at the same time certifies that he is satisfied with the declaration.

Indian Trade within the Empire.—The Secretary of State for India has authorised the Indian Committee of the Imperial Institute to inquire into and report on the possibilities of further extending the industrial and commercial utilisation of Indian raw materials in this country and elsewhere in the Empire. The Committee has already commenced its work and has appointed a number of Sub-Committees to deal with the more important groups of materials, to consider the results of investigations and inquiries already conducted by the Imperial Institute, and to obtain the views of leading merchants, manufacturers, and other users of the raw products of India. The Committee includes Lord Islington, Sir Marshall Reid, Professor Wyndham Dunstan, and others.

Parcels for Russia via Sweden.—Among the 21,970 parcels for Russia which were placed under embargo in transit through Sweden early this year, but now released, 42 comprised salicylic acid, 328 tartaric acid, 5 aloes, 66 bandages, 149 bismuth, 21 camphor, 46 chemicals, 12 chloroform, 39 copper sulphate, 9 dental utensils, 5 dyes, 29 gelatin, 5 iodoform, 42 lanoline, 2,052 medical stores, 4 morphine, 6 olive oil, 85 oils, 2 opium, 8 quinine, 24 shaving-powder, 596 shellac, 2,370 soap, 169 soda, 96 corrosive sublimate, 18 surgical articles, and 16 zinc sulphate. Any claims in respect of loss and damage directly due to the action of the Swedish Government in retaining the parcels should be submitted, with full particulars, to the Foreign Claims Office, Foreign Office, London, S.W.

Bath War Hospital.—The photograph herewith shows the dispensers at the Bath War Hospital, the dispensing of which is being carried on by the voluntary service of the local pharmacists. Mr. E. Whiston, who has emerged from

Back Row (left to right): Rankin, Junr., D. J. Williams, W. J. Spurway, R. H. Moore, G. W. Rankin, J. H. Kershaw, E. G. Dickinson, A. C. Olds, W. J. Ballett, Orderly; *Front Row*: L. Wilson, Miss Wilkinson, Miss Bridges, E. Whiston, (Controller), Mrs. Whiston, Miss Holbrook.

retirement, is the Controller, and Mrs. Whiston has charge of the dressing-rooms. The staff of the dispensary is composed of local pharmacists and their assistants, a time-table of service being observed each day. The dispensary makes up about a thousand bottles of medicine weekly and a hundred gallons of eusol in the same period. The dispensers who are not included in the photograph are Messrs. B. John, J. G. Hawes, J. F. Tuck, R. M. Davidson, J. Cooper, T. J. Hughes, and F. Mills.

Military Tribunals' Decisions.

Aberystwyth.—Exemption for six months was granted to R. J. Williams, apprentice with Mr. B. Taylor Lloyd, chemist and druggist. The Tribunal stated that they were influenced in their decision by the circumstances in which Mr. Lloyd had himself joined the Army.

Ashford.—Two months' exemption has been granted to H. F. L. Whyte, with Walker & Harris, Ltd.

Ashtead.—Mr. G. L. Grinstead, chemist and druggist, was granted one month's exemption.

Bath.—Mr. Hedley Coe (Pinch & Co.), chemist and druggist, applied for exemption for H. H. Keen, his assistant, but the appeal was withdrawn subject to the right of appeal when Class C3 is called up.—Two months' conditional exemption was granted to V. C. Mee, assistant with Hawes, Whiston & Co., chemists and druggists.

Bermondsey.—Exemption was refused to an assistant superintending the surgical-instrument department of Baiss Bros. & Co., Ltd., Grange Road, S.E.

Chelmsford.—Exemption was refused for F. J. Anger, assistant with Mr. T. L. Nicholls, chemist and druggist. —Mr. J. E. S. Bunn, chemist and druggist, applied for H. E. J. Bunn, his nephew and apprentice, and the case was referred to the Central Medical Board.

Dartford.—Exemption until December 31 was granted to Mr. L. A. West, chemist and druggist.

Dartmouth.—Mr. W. W. Willcock, chemist and druggist, was granted six months' exemption.

Gillingham.—Six months' conditional exemption was granted to G. M. Taylor, with Mr. C. E. Beveridge, chemist and druggist.

Hastings.—M Andrews, a chemist's apprentice, was exempted until April 2, to give him an opportunity to pass his qualifying examination.—The application of S. H. Salmon, with Mr. A. E. Bolshaw, chemist and druggist, was refused.

Herne Bay.—One month's exemption was granted to R. C. Waller, assistant with Mr. T. B. Cornfoot, chemist and druggist, and exemption until December 31 to Mr. Chas. Philip, chemist and druggist.

Hinckley.—The Military Representative called attention to a case where a chemist's assistant, for whom a claim of indispensability had been made, afterwards applied for a position under the District Council. Such cases destroy confidence in the evidence brought before the Tribunal.

Huntingdon.—Three months' exemption was granted to E. Sayle, manager to Mr. J. W. Beck, Ph.C.

Kidderminster.—Mr. E. G. Trevethick, chemist and druggist, was granted three months' exemption.

Reading.—Condition exemption was granted to W. A. Bunn, with Boots, Ltd.

Reigate.—The appeal was dismissed of Mr. R. H. Williams, chemist and druggist, assistant with Mr. F. Rogers, chemist and druggist.

Ryde.—Conditional exemption was granted to Mr. P. L. Blakely, chemist and druggist.

St. Albans.—Six months' exemption was granted to Mr. T. H. Fisher, chemist and druggist, Market Place.

Sea View (Isle of Wight).—Conditional exemption was granted to Mr. F. Calderbank, chemist and druggist, with Mrs. Bright.

Sheerness.—Exemption was refused to G. T. Mowtz, with Boots, Ltd.

Shoreditch.—Four months' conditional exemption was granted to J. T. Holloway, with L. Rose & Co., Ltd., Worship Street, E.C.—H. P. Jenkins, drug-store proprietor, was granted four months' exemption.—Six months' exemption was granted to A. E. Ashton, with Allen & Hanburys, Ltd., wholesale druggists, Bethnal Green, E., on domestic grounds.

Shrewsbury.—One month's exemption was granted to each of two assistants employed by Mr. Arthur Williams, chemist and druggist.

Southwark.—J. T. Davenport, Ltd., manufacturing chemists, of 117 Union Street, S.E., applied for the exemption of a foreman and porter. The company manufacture Dr. Collis Browne's chlorodyne, and this man knew all the various types of chlorodyne which are sent to various countries. The three sons of Dr. Collis Browne joined the Forces. Captain Jack Collis Browne had been wounded, Lieutenant Montague Collis Browne had been killed, and Lieutenant Hugh Collis Browne had been wounded in Egypt. Four months' exemption was granted. —The chemist at the shop of Needhams, Ltd., at Newington Butts, was granted conditional exemption.

Teignmouth.—Exemption until April 1 was granted to T. Power, assistant with Mr. H. Dring, chemist and druggist.—Exemption until April 15 was granted to F. C. Edmonds, manager with Captain J. H. Maunder, chemist and druggist, who has been on active service since the outbreak of the war.

English and Welsh News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

War Office Contracts.

Tenders from the following firms, etc., have been accepted:

Chemicals.—Cleckheaton Chemical Co., Ltd. *Chloride of Lime.*—United Alkali Co., Ltd. *Disinfectants.*—Boots Pure Drug Co., Ltd.; Celtic Chemical Co.; Evans Sons Lescher & Webb, Ltd.; Fabra Co., Ltd.; Jeyes' Sanitary Compounds Co., Ltd.; Sanitas Co., Ltd.; Dellingburn Oil and Chemical Co.; Killgerm Co., Ltd.; Parr's Liquid Disinfectant Co.; Phœnix Sanitary Co.; Union Chemical Co.; R. Young & Co., Ltd. *Medicines.*—Brook, Parker & Co., Ltd.; Burgoyne, Burbidges & Co., Ltd.; Burroughs Wellcome & Co.; Hough, Hoseason & Co.; H. & T. Kirby & Co., Ltd.; Parke, Davis & Co.; Standard Tablet and Pill Co., Ltd. *Methylated Spirit.*—J. Burrough, Ltd.; S. Bowley & Son; Sutton, Carden & Co., Ltd.

Contracts.

The following is a list of contracts accepted by Boards of Guardians and other public institutions since our last report:

Burton-on-Trent.—Liverpool Lint Co., cotton-wool, etc.

Bury St. Edmunds.—Youngman & Co., drugs.

Chelsea Hospital for Women.—The tender of A. Browne, Ltd., for surgical dressings for six months has been accepted.

Hemsworth Board of Guardians and Rural Hospital.—G. Hodgson, drugs.

Hertford and Ware Joint Hospital Board.—J. H. S. Lewis, drugs for six months.

Metropolitan Asylums Board.—Burgoyne, Burbidges & Co., Ltd., druggists' sundries for six months; J. Knight, Ltd., soap for the Caterham Asylum, Darenth Industrial Colony, and the Northern Hospital.

Stockton-on-Tees.—T. W. Salmon, drugs.

Westminster.—The Guardians have accepted the following tenders: Baiss Bros. & Co., Ltd., drugs; S. Maw, Son & Sons, medical and surgical appliances and surgical dressings; and Oxo, Ltd., Oxo.

The Lambeth Borough Council has been considering how it should purchase drugs needed for the Tuberculosis Dispensary, and, on the advice of the Public Health Committee, has decided to obtain its medicines and drugs by means of open tendering. It has been the custom to obtain them in rotation from well-known and old-established wholesale firms, and the Committee feared that open tendering might tempt "the lowest tenderers to supply articles of inferior quality," thus making analysis necessary.

Birmingham.

Miss Ida Southall, eldest daughter of Mr. Wilfred F. Southall, Ph.C., is about to undertake Y.W.C.A. work in Madras.

It is a matter of interest to note that many pharmacists and their sons are taking up mechanical dental work as a side-line.

There is such a great demand for young girls for packing proprietaries that there are almost daily advertisements in the Press for them.

Boots, Ltd., have opened their extensive premises at Tunstall, which occupy a very commanding corner of Market Place and High Street, in the very centre of the business and municipal life of this important Pottery town.

The Birmingham City Council is to establish an Industrial Research Laboratory primarily with regard to gas-manufacture and utilisation of by-products, but also for other purposes associated with Birmingham industries.

The Hon. Secretary (Mr. F. Smith) of the Birmingham Pharmaceutical Association is sending out to members a circular in regard to the Cocaine and Opium Regulations, which came into force on July 29. (See *C. & D.*, August 5, pp. 34 and 42.)

The subdued-lights business is productive of many devices for shutting in the light and not shutting out the customers. A good one is a transparency which reads, "This shop is open," and leaves no doubt that one may enter to make purchases.

Liverpool.

Fines ranging from 25*l.* to 100*l.* were imposed last week on a number of Chinese sailors for concealing opium.

"You must not use this internally," was the admonition of a pharmacist to a female customer who had asked for certain "drops." The woman looked mystified. Evidently she thought that outdoor, rather than indoor, application was being enjoined, and she replied that "drops" could not be placed in her sister's ears in the dark street. On being informed that the drinking of the "drops" was interdicted, she acquiesced with a quickened intelligence.

Weather described as "icy cold" set in, accompanied by heavy rains, last week-end, with the effect of stimulating the demand for cough-mixtures and kindred medicines. Trade continues good, and a sign of the industrial and shipping prosperity may be seen in the greatly increased sales of pictures at the Municipal Autumn Art Exhibition and at several studio exhibitions. A large central store which deals in some of the side-lines favoured by pharmacists is about to add an adjacent theatre as a warehouse.

Mr. William P. Evans, President of the Liverpool Chemists' Association, wishes to emphasise his appeal to the Association for good attendances throughout the session. He points out that nearly all the invited speakers hail from a distance, and are entitled to a hearing from the pharmacists as a whole. The elder members of the Association, both wholesalers and retailers, set an example in regular and punctual attendance which the younger might follow more largely. With the earlier closing the Association should be able to claim large fortnightly gatherings.

Manchester.

Charles Midgley, Ltd., Exchange Street, Manchester, have a very attractive series of *x*-ray photographs in one of their windows. They were taken in the firm's electrical department at Barton Arcade.

The gradual decline in the price of hydroquinone has no doubt caused some photographic dealers in Manchester a little anxiety, as several of them are offering it in larger quantities, prices ranging from 2*s.* to 3*s.* 6*d.* per oz.

Pharmacists are wondering how they will fare when the Early Closing Order comes into force. Many of them would like to close their shops earlier, but with Insurance dispensing it is almost impossible to close before nine o'clock in most working-class neighbourhoods. The fact that the new conditions impose on chemists doing N.H.I. dispensing that they shall provide "a satisfactory and adequate pharmaceutical service during the ensuing year" is a bit of a poser for panel chemists who contemplate closing earlier. [The dispensing of medical prescriptions is exempted from closing provisions.—Editor *C. & D.*]

Sheffield.

Boots, Ltd., are making extensive displays of their Regesan preparations, which in themselves are very attractive, and are made considerably more striking by plentiful supply of window-tickets of deep lavender with white lettering.

Pharmacists are being more hardly hit for assistance. The recruiting authorities are withdrawing junior assistants who were passed for light duties and sent back to their business until required. The combing-out of company chemists' assistants has commenced also.

At a meeting of the Sheffield and District Centre of the Faculty of Insurance Mr. Arthur Neal (Chairman of the Sheffield Insurance Committee) was presented with the Honorary Fellowship of the Faculty. At the same meeting Mr. W. A. Appleton, Secretary of the General Federation of Trade Unions, advocated the right of action in summary courts against doctors who by false declaration involve an Approved Society in loss. The question of the quality of drugs and the provision of medical and surgical appliances was dealt with.

Miscellaneous.

Pharmaceutical Benevolent Fund.—The Secretary informs us that the Newcastle Pharmacists' Association has contributed 5*l.* to the fund (see p. 47).

Martha Ada May (60), wife of a chemist's assistant, residing at Mill Lane, West Hampstead, was knocked down by a motor-car on October 7, and died in the Hampstead General Hospital two hours later.

A Hay and Straw Merchant was remanded at the Thames Police Court on October 16 on a charge of conspiring with another man to defraud C. R. Harker, Stagg & Morgan, Ltd., wholesale druggists, by delivering less straw than he charged for.

In Harrogate.—Mr. Percy L. Ridge, chemist and druggist, Regent Parade, has been sworn in as a special constable, and Mr. A. Mortimer has been promoted from Section Leader to be Sectional Commander for the Harrogate Section of the West Riding Special Constabulary.

Bleaching-powder and Soda.—At Tower Bridge Police Court, London, on October 11, a steward of a Dutch steamer was fined 50*l.*, or two months' hard labour, for aiding and abetting certain persons to procure bleaching-powder and sodium carbonate for export. It was stated that the chemicals were intended for export to Germany *via* Holland.

Gadd's "Synopsis."—Baillière, Tindall & Cox have published a new edition of the "Synopsis of the British Pharmacopœia, 1914," by Mr. H. Wippell Gadd. This is practically a reprint of the January 1915 edition, but as an

addendum the author has added particulars in regard to the sale of cocaine and opium based upon the regulations which we published on August 5.

At the Manchester County Court on October 16, Thomas Hutchinson, boot and shoe maker, Moston, who took a dose of ammonia under the impression he was taking one of phenol mixture, was awarded fifteen guineas damages against Wm. Clapham, Ltd., chemists and drysalters, of Lightbowne Road, Moston. For the defence it was asserted that there was no mistake made, or that any ammonia was sold by the defendant company.

Henry Samuel Freeman (43), described as a chemist, of Bracknell, was sentenced by Mr. Justice Scrutton to eighteen months' imprisonment with hard labour for bigamously marrying Augusta Evelyn Edwards, his lawful wife, Elizabeth Freeman, being alive. It was stated that there are several warrants out against the prisoner for other serious offences, and his Lordship said they would have to be dealt with later elsewhere.

Too Much Light.—Among the convictions notified since our last issue are the following: Mr. Arthur Upson, J.P., chemist and druggist, Maidenhead, fine 30*s.*; Mr. Robert H. Huggins, chemist and druggist, Skegness, fine 20*s.*; Mr. Ernest Pennington, chemist and druggist, Victoria Square, Worksop, fine 10*s.*; Mr. Lewis Jaines, manager for Mr. R. Wood, chemist and druggist, High Street, Windsor, fine 5*s.*; Mr. John Roland Massey, chemist and druggist, 91 Bradshaw Gate, Bolton, fine 40*s.*; Taylor's Drug Co., Beulah Street, Harrogate, fine 1*l.*, including costs.

Unemployment Insurance.—The Umpire has decided that *contributions are payable* in respect of workmen engaged in the manufacture of artificial limbs (1973X). In the following cases *contributions are not payable*: Workmen engaged wholly or mainly in graduating thermometers, burettes, pipettes, and similar glass instruments not intended for use in war (1958); workmen engaged wholly or mainly in the manufacture of laboratory porcelain (1972); workmen engaged in the manufacture of glass tubing not intended for use in war or in the manufacture of munitions of war (1978X).

Dental and Dispensing Classes are being started by some London Polytechnic Institutions, and the Education Committee of the London County Council is sympathetic. The classes are for women. Those in dispensing we have already mentioned. The Borough Polytechnic's courses in dental mechanics comprise (*a*) a one-year war emergency course for women; (*b*) a two-years' day course for girls of about sixteen years of age; and (*c*) evening classes for those already engaged in dental mechanical work. A dental technical side of the metallurgical department of the South-Western Polytechnic (Chelsea) is contemplated after the war.

Earlier Closing.—The following chemists and druggists at Winchester have decided to close at 8 P.M. on Monday, Tuesday, Wednesday, and Thursday; 8.30 P.M. on Friday; and 9 P.M. on Saturday, except for urgent requirements: S. G. Bartlett, Murray & McConachie, Ltd., Walter Andrews, A. E. Chaston, Ph.C. (Hunt & Co.), L. Arden, Ph.C., and Eldred & Ingc.—The Halifax Chemists' Association have adopted the following earlier closing hours: Monday, Tuesday, and Wednesday, 7 P.M.; Friday, 8 P.M.; and Saturday, 9 P.M. The Halifax Insurance Committee has sanctioned this arrangement, and the panel practitioners have agreed to commence their surgery hours half an hour earlier in the evenings.

Poisonings.—The following fatal cases of poisoning have been reported during the week: A London woman working at a munition-factory died from poisoning by trinitrotoluol, which caused atrophy of the liver. A Finchley warehouseman named Minto drank a carbolic mouthwash in mistake for whisky, with fatal results. A Wakefield coroner's jury found that the death of a young woman named Fox was due to an irritant poison taken for the purpose of procuring abortion, but the West Riding county analyst was unable to find evidence of poison in the parts of the body which he submitted to chemical examination. A woman named Giggall died at Heaton Moor, Manchester, through drinking a disinfectant in mistake for whisky. A Bradford policeman drank with fatal results a quantity of iodine, under the impression that he was taking a dose of his ordinary medicine.—At Cardiff a man named Morgan died from carbolic-acid burns which were supposed to have been caused through the breakage of a bottle of carbolic acid in his pocket.

During the Four Months ended April the imports of drugs and chemicals into the Australian Commonwealth amounted in value to 540,000*l.*, against 511,000*l.* and 459,000*l.* for the corresponding periods of 1915 and 1914 respectively.

Scottish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Brevities.

Owing to the lighting restrictions there is less late shopping, and many Aberdeen chemists are taking advantage of this to close earlier.

The Northern Co-operative Co., Aberdeen, advertise that their Drug Department will now close at 7.30 P.M., with the exception of Thursdays at 8 and Saturdays at 9 P.M.

Mrs. Emma A. Simpson, B.Sc. (a daughter of the late A. B. Anderson, chemist and druggist, Dundee), has been appointed to the Science Department of the Harris Academy, Dundee, at a salary of 120*l.* per annum. It was stated that Mrs. Simpson had offered her services simply by way of "doing her bit."

Edinburgh and District.

One or two Scottish chemists appear to have started the practice of affixing "1*d.* left" and "2*d.* left" on dispensing and other bottles.

The Edinburgh Merchant Company General Committee have agreed to recommend the Company to approve of the construction, at the national expense, of the proposed Mid-Scotland Ship Canal.

The Rev. D. C. Stewart, Currie, brother of Mr. A. K. Stewart, chemist and druggist, Lynedoch Place, delivered a lecture in Bonnington Church last week, entitled "Scottish Humour." A collection for soldiers' comforts was taken.

Edinburgh Botanical Society have expunged all alien enemies from the membership. Mr. Rutherford Hill stated that he detests the methods of Prussianism. Sir John Sterling Maxwell, Bart., of Pollock, was proposed as a non-resident Fellow of the Society.

Glasgow.

The first sale of aniline dyes which has been held in Scotland took place in the Masonic Halls, 100 West Regent Street, Glasgow, last week. There was a large attendance of dyers and the trade, including some prominent chemical-manufacturers. The prices ruled high, rhodamine B. selling at 26*s.* per lb., and magenta crystals at 22*s.* per lb.

At a meeting between the Colliery and Public Works Surgeons' Committee for Scotland and the Executive of the Scottish Colliery Engine and Boilermen's Association, held in Glasgow on Tuesday, the following agreement has been arrived at:

That it is agreed between these bodies that the rate for medical attendance upon the dependants of the members of the Scottish Engine and Boilermen's Association should be at the rate of 3*d.* per week, inclusive of medicine, and 2½*d.* per week per worker, exclusive of medicine. That the medicine be supplied in accordance with the custom prevailing in the counties of Lanark, Renfrew, Dumbarton, Stirling, West and East Lothian, where the rate shall be 3*d.*; and that in the counties of Fife, Clackmannan, Kinross, and Mid-Lothian, where it is not the custom to supply medicine, the rate shall be 2½*d.*

It was agreed that the arrangement be terminable on a month's written notice on either side, that the agreement be intimated to the collieries, and should if and when possible be made to extend to Ayrshire.

Business Changes.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

The Premises recently vacated by Mr. John Vincent, 103 High Street, Collier's Wood, have been reopened as the Cavendish Drug Stores.

William Browning & Co., manufacturing and export chemists, are removing to Albert Works, Park Street, London, N.W., where they will have improved facilities for handling liquid paraffin. They hope also to be able to supply "Semprolin" emulsions, "Carmex," etc., with more than usual promptness.

Mr. Joseph Oliver informs us that he has ceased to trade under the old title of "Bryce, Son & Co.," chemical-brokers, Cleveland Buildings, 94 Market Street, Manchester, and that in future he will trade in his own name. Captain Schlagintweits' well-known former connection with the business has rendered this step necessary.

Legal Reports.

Chocaroons Trade-mark.—Mr. Justice Eve, in the Chancery Division on October 17, dismissed, with costs, the appeal of Cadbury Bros., Ltd., and Rowntree, Ltd., from the decision of the Registrar of Trade-marks, who sanctioned an application by Williams, Ltd., Bootle, for the registration of the word "Chocaroons" as the name for a new sweetmeat. Their case was that this was not an invented word, as the Act requires, and its use would lead to confusion owing to the existence of the words "Chocolate macaroons" which were so well known.

Hematite Crystals Contract.—In the King's Bench Division on October 16, Mr. Justice Sankey heard an action brought by Mr. F. E. Annison, trading as Bowyer & Bartleet, produce-brokers, Mincing Lane, E.C., against the United Supplies, Ltd., Monument, E.C., in respect of an alleged breach of contract by the defendants in selling to the plaintiffs 6,711 lb. of hematite crystals. It appeared that the contract was made in December 1915, and the sale price was 4*s.* 8*d.* per lb., delivery to be *ex* warehouse Manchester. The goods were to be the best or first quality, but defendants said they were to be good commercial quality. The plaintiffs said that the goods supplied were not according to contract, and were deficient in colouring-matter. The defendants denied this. Mr. Justice Sankey, in giving judgment, said he thought the plaintiffs had quite established that the contract was for first-quality crystals, and they were entitled to damages. He gave judgment for the plaintiffs for 533*l.* 1*s.* 5*d.*, and costs.

Cattle-wash Damages.—At Cavan County Court on October 12, Thomas Grey, Mullymagavin, claimed 14*l.* damages from Mr. J. J. Cole, Ph.C., Cavan, being the value of a heifer alleged to have been poisoned by a ring-worm wash supplied by defendant. Plaintiff said he was not told that the wash was poisonous. After using it the heifer became ill, and a veterinary surgeon was called in, who certified that the animal was suffering from mercurial poison. Defendant said he had prepared the lotion since 1904; it contained 19 per cent. of carbolic acid. Even if the whole quantity sold to plaintiff was administered, it would not affect the animal in the way stated. The Judge, commenting on the difficulty of the case in view of the evidence, said that the assistant who made up the lotion might have added some salt of mercury in mistake, and that if he did the defendant would be liable. He gave his verdict in favour of the plaintiff, allowing 9*l.* damages and costs.

Novocaine Patent.—The hearing took place at the Patent Office Court on October 13 of the application of Levinstein, Ltd., Blackley, Manchester, for a licence to use Patent 17,162 of 1905, "Aminobenzoic acid alkamine esters and derivatives thereof," belonging to the Farbwerke vormals Meister, Lucius & Brüning, this being the patent under which novocaine is made. Mr. Herbert Levinstein, who made the application, referred to the restrictions on the use of cocaine which will result in the greater employment of novocaine as a local anæsthetic, and require that large quantities should be available for the public use. Mr. J. V. Armstrong, for T. Kerfoot & Co., Bardsley Vale, opposed the granting of a licence on the ground that opponents, who hold the only licence in this country, have laid down plant on a sufficient scale to meet all requirements. The Comptroller-General (Mr. W. Temple Franks) said that it might be desirable in the public interest that there should be more than one manufacturer of novocaine. If a licence is granted it would be on the same terms as that previously granted.

Baking-powder.—At Newcastle-on-Tyne on October 10, the partners of Brough & Sons, provision-merchants, New Bridge Street, Newcastle, were summoned, under Section 6 of the Sale of Food and Drugs Act, 1875, for selling baking-powder which was certified by the analyst to consist of ground rice 80, calcium superphosphate 4, sodium bicarbonate 6, and calcium and sodium phosphates 10; it being alleged that the powder was deficient in the yield of carbon dioxide to the extent of 56 per cent., and it was stated that the minimum yield of carbon dioxide should be 6 per cent. Mr. V. B. Bateson, Deputy Town Clerk of Sheffield, prosecuted; Mr. S. G. Wilson appeared for the defendants, and Mr. F. W. Beck (Neve, Beck & Kirby) for George Harker & Co., Ltd., who supplied the baking-powder to the defendants. There was much legal argument before evidence was called, the witnesses including Dr. J. T. Dunn, F.I.C., public analyst for the city. He was cross-examined by Mr. Beck, who quoted the opinion of Dr. J. M. Hamill, of the Local Government Board, and also submitted typical recipes. All this evidence was in order to show the Court that the composition of baking-powders is variable, and that there is no rule or fixed agreement binding makers or sellers to ensure that a fixed quantity of carbon dioxide should be evolved from a definite quantity of the powder. Mr. Beck proposed to call witnesses, and was proceeding to explain the whole matter, although he did not wish to detain the Bench by thrashing a dead horse, when the Magistrates' Clerk remarked, "I do not think they will want you to thrash it any longer," and the Chairman said the Bench had very carefully considered the case and were absolutely satisfied that they could not convict, therefore the case was dismissed without costs.

Olive Oil: What is a Guarantee?—At the Birkenhead Police Court on October 13, the adjourned case under Section 6 of the Sale of Food and Drugs Act, 1875, came before Dr. A. C. E. Harris and Mr. W. F. Miller. Arthur H. Ellithorne, chemist and druggist, Wellington Road, Birkenhead, was charged with selling olive oil which Mr. H. E. Davies, F.I.C., public analyst, had certified to contain 7.5 per cent. of mineral oil. Mr. George Hines (Assistant Prosecuting Solicitor) prosecuted on behalf of the Birkenhead Corporation, and Mr. W. Rudd, Liverpool (acting for Neve, Beck & Kirby, solicitors for the Chemists' Defence Association, London), represented the defendant. The defence was based on a warranty which the prosecution would not admit. The case had been adjourned some weeks ago in order that the reserve sample of the oil might be analysed in the Government laboratories. This had been done, and the oil had been found to contain 5.44 per cent. of mineral oil. The purchase of the oil and its analysis by Mr. Davies were proved by the prosecution. Mr. Davies stated that it was mineral oil such as medicinal paraffin which had been added to the olive oil. For the defence, Mr. Ellithorne stated that he purchased the olive oil from The British Drug Houses, Ltd., whose price-list contained the following statement:

OILS.

We express or distil these ourselves, or import them direct from well-tried and unimpeachable sources.

Having specialised in the analysis of fixed and essential oils, we guarantee our oils to be genuine and to conform to the new requirements of the B.P. 1914, including in this guarantee those official drugs which contain, or are made from, official oils—such as lini semina contusa, sapo durus, and sapo mollis.

He purchased the oil on the faith of this, and made arrangements as to how the oil was to be bottled and labelled. On the occasion of the purchase of 8 oz. for the inspector he got a bottle of the requisite size and filled the required quantity into it from a reputed pint bottle as it came from The British Drug Houses, Ltd., corked the bottle, labelled it, and handed it to the young lady who had asked for it. It was in exactly the same condition as he received it. He at once communicated with The British Drug Houses, Ltd., and they sent him a letter which they wished read to the Court; it explained the matter from their point of view. Mr. Rudd was proceeding to read the letter whereupon Mr. Hines objected, and the Bench ruled the letter out. Mr. Rudd then argued that the facts he had proved constituted a general warranty, but the Magistrates found the case proved and fined defendant 1*l.*, together with a guinea costs (the analyst's fee). On the application of Mr. Rudd they agreed to state a case.

A Truss Case.—At Harrogate County Court, before Judge McCarthy, on October 13, Handford & Dawson, chemists and druggists, Harrogate, sued Ellis, Son & Paramore, truss-makers, Sheffield, for 21*l.* 10*s.* as damages for breach of contract in respect to a truss supplied. Mr. Craig Henderson appeared for the plaintiffs, and Mr. W. Stewart for the defendants. Mr. Craig Henderson stated that they had supplied a Mr. Taylor with a truss on March 4, but he returned on the following Monday stating that it did not fit tightly, and a second one was supplied to him by Mr. Handford. On March 16 he complained about his back, and, on examining it, Mr. Handford found a red discoloration, which he thought might be the colour of the red lining of the truss. Mr. Taylor also saw Dr. Daggett, his medical attendant, who sent him back to Mr. Handford, asking him to observe the pronounced inflammation and eruptions (with some discharge) that had arisen. Dr. Daggett thought this was due to irritation arising from the truss. Mr. Taylor had been working at the Ripon Camp, but had to give it up, and for eight weeks he was treated by Dr. Daggett. Subsequently Mr. Taylor made a claim against Handford & Dawson, and they wrote to the defendants, who relined the truss with natural-coloured skin, and expressed a hope that there would be no further trouble. Mr. Taylor had been able to wear the truss since, and Mr. Craig Henderson said this showed the eruption to be due to the coloured lining. Evidence in support of this statement was then given by

Dr. Daggett, Mr. T. E. Handford (senior partner of Handford & Dawson), and by Mr. Taylor, who stated that since the truss had been relined he had not had the least trouble from it. Mr. Stewart submitted that it had not been proved that the eruption had been caused by the dye, and without such proof he contended that there was no case against his clients. He called Mr. H. J. Taylor, manager to Ellis, Son & Paramore, who stated that the firm had not had any complaint during the twenty-six years he had been with them of the dye having caused trouble of this kind. Mr. H. R. Mackerill, of the firm who dyed the leather, also stated that the dyes used were made in Germany. The workpeople who dyed the leather had no skin troubles through using the dyes, and he was of opinion that these were powerful antiseptics. Mr. Arthur Saville, manager to Lawson & Otley, for whom the skins were dyed, also stated that the firm had never had any complaint except for a batch sent to India about twenty years ago. He agreed with Mr. Mackerill that it is impossible to make a fast dye for sheepskins. Mr. Stewart then repudiated all liability. The plaintiffs must prove, he said, that Mr. Taylor was injured with the dye from the truss. This had not been done. His Honour held that the dye had caused the eruption, and gave judgment for the plaintiffs for the amount claimed, with costs

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Victoria Glass Bottle Co., Ltd. (P.C.).—Capital 2,000*l.* The first directors are J. Hall, J. W. Hall, and W. J. Tootell. R.O., 28 Hanover Street, Bolton.

Boots, British Chemicals, Ltd. (P.C.).—Capital 100*l.* Objects: To carry on the business of pharmaceutical, manufacturing, and general chemists and druggists, manufacturers of and dealers in toilet-requisites, medicines, etc. The subscribers are Jesse Boot and Thos. S. Ratcliffe, Nottingham. Secretary, A. L. Milne. R.O., Trent Street, Nottingham.

Borax Consolidated, Ltd.—A dividend of 6 per cent. is being paid on the ordinary shares.

Parke's Drug Stores, Ltd.—A preference share dividend of 6 per cent. per annum, less income-tax, is declared for the half-year which ended on September 30.

A. & F. Pears, Ltd.—The net profit for the year, which ended on June 30, was 90,426*l.*, and with the balance from the previous year 120,429*l.* is available for dividend. The directors are paying the dividends on 5-per-cent. debenture-stock, 6-per-cent. preference shares, and 12-per-cent. preferred ordinaries, and declare 20 per cent. dividend on ordinaries, carrying 5,000*l.* to reserve and 25,029*l.* to next year.

Companies Dissolved.—The "London Gazette," October 10, notifies that the names of the undermentioned companies have been struck off the Register, and such companies are dissolved: Arsenic of Spain Co., Ltd.; Druggists' Printing and Publishing Co., Ltd.; Green's Chemical Engineering Co., Ltd.; Hydra Combined Mineral-water Making, Bottling, and Syphon-filling Machines, Ltd.; Rational Remedies, Ltd.; and Stuart & Co., Cash Chemists, Ltd.

Levinstein, Ltd.—At the meeting on October 17, Sir John Lonsdale, M.P., presiding, referred to the purchase by the company of the Ellesmere Port works, formerly carried on by Meister, Lucius & Brüning. He said that Levinstein, Ltd., were able to give proof to the Comptroller that the company was able to continue the manufacture of synthetic indigo. A referee who considered the applications of this company and the British Dyes, Ltd., decided in favour of Levinstein, Ltd.

British Dyes, Ltd.—At the annual meeting of British Dyes, Ltd., held at Huddersfield on October 12, the annual report of the directors was adopted (*C. & D.*, October 14, p. 47). The chairman of the directors (Mr. James Falconer, M.P.), referring to the sale of the Ellesmere Port works to Levinstein, Ltd., complained that his company were not allowed to tender for these works, notwithstanding that British Dyes, Ltd., had supplied aniline oil to enable the Controller to keep up the manufacture of artificial indigo. Dr. M. O. Forster and Mr. Joseph Turner were elected to the board of directors. Mr. Turner predicted that one consequence of the war would be that the Germans would lose the aniline-dye industry.

Birth.

Eymer.—At Fairfield, Newport Road, Stafford, on October 5, the wife of John Eymer, chemist and druggist, of a daughter.

Marriages.

Cruickshank—Young.—At the Manse, North Leith, on September 27, Robert Bisset Cruickshank, chemist and druggist, to Ann Elizabeth Bourhill, daughter of the late Adam Young, brewer, Musselburgh and Edinburgh.

Currie—Malloch.—At Myreside, Auchtermuchty, on October 12, Thomas Currie, chemist and pharmacist, to Jessie, elder daughter of Mr. William Malloch.

Hawkins—Hatswell.—At St. Andrew's Church, Wiveliscombe, on October 11, Gilbert Harold Hawkins, chemist and druggist, of Minehead, to Dorothy Mary Hatswell, daughter of Mr. and Mrs. Hatswell, of Wiveliscombe.

Deaths.

Acfield.—At 8 St. Mary's Grove, Gunnersbury, London, W., on October 5, Mr. William Acfield, chemist and druggist, aged eighty-four.

King.—At "Hazelmere," Folkestone, on October 14, Mr. Arthur Hill King, chemist and druggist, of Hall & King, West Cliff Pharmacy, Folkestone. Mr. King had had a prolonged illness. He qualified through the Minor examination in October 1887. Latterly Mr. T. W. Steel, Ph.C. has been in partnership with him, and is carrying on the business.

Lindley.—At 3 High Street, Lewisham, London, S.E., on October 3, Mr. William Walker Lindley, chemist and druggist, aged seventy-three.

Mathew.—By cablegram from Cape Town we learn that Mr. John Alfred Mathew, Ph.C., head of Heynes, Mathew, Ltd., died there on October 17, aged seventy-eight. We said of Mr. Mathew in 1904 that he was the *doyen* of pharmacy in South Africa, and there is no question of the fact that he was one of the most esteemed pharmacists there, and had done excellent work in connection with its government. He was one of the earliest members of the Board of Pharmacy and President of the Cape Pharmaceutical Society, while he also encouraged all trade movements, especially those of benevolent interest. Mr. Mathews was born in the Colony, and served his apprenticeship there, passing the Medical Board examination in 1858. Then he came to England, went to the Pharmaceutical Society's school at Bloomsbury Square, and qualified as a pharmaceutical chemist in October 1859. On returning to Cape Town he bought the British Dispensary in Adderley Street, and in this Mr John Heynes joined him, the business developing into an extensive wholesale and retail concern under the firm name Heynes, Mathew & Co., branches of it being founded in various parts of South Africa. The business was converted into a limited company as Heynes, Mathew, Ltd., a few years ago, and associated with him in its conduct Mr. Mathew had two of his four sons—Mr. Alfred Mathew and Mr. Frank C. Mathew. The latter was President of the Pharmaceutical Society of Cape Colony in 1908. One of Mr. Mathew's younger sons is Dr. George Porter Mathew, of Port Elizabeth, who was a Scholar of Trinity Hall, Cambridge, and graduated as M.A. and M.D. of that University, being also M.R.C.S. and L.R.C.P. London and F.R.C.S. Edinburgh. One of his two daughters is Lady Smith, wife of Sir Frederick Smith.

Mr. J. A. Mathew.

Stammwitz.—At Sanderstead, Croydon, on October 8, Miss Louisa Stammwitz, Ph.C. It was in December 1872

that Miss Stammwitz, Miss Rose Minshull, and Mrs. Alice M. Hart potitioned the Council of the Pharmaceutical Society to admit them to the School of Pharmacy laboratories, but they did not succeed. Miss Stammwitz told the *C. & D.* afterwards that she and Miss Minshull had considerable difficulty in obtaining instruction in a chemical laboratory until Dr. Muter opened his place to women. Miss Stammwitz passed the Minor examination in October 1877, and after that the Society admitted women to its school. She was one of the first, and in December 1878 she passed the Major examination. This was the year after Miss Isabel Clarke had asked to be elected a member of the Society and was refused, and it was not until October 1879 that the Council decided to admit women. Miss Stammwitz was elected in 1880. For nine years she was the dispenser at the New Hospital for Women in London, then went into partnership with Miss Annie Neve, Ph.C., they opening a pharmacy at Paignton, which they carried on for some years. Her portrait was given in the *C. & D.*, July 30, 1892, when she wrote a most interesting letter on her experience in pharmacy and her views on the future of women in it (lady pharmacists was the correct way then). Among the things she said was: "I believe that as committees awaken to the importance of engaging only qualified dispensers, women will pass the Minor examination in order to secure appointments. I should not advise them to undertake the worry of the Major, for I am under the impression that it will soon cease to exist." At that time Miss Stammwitz also expressed similar views to those of Miss M. E. Buchanan (*C. & D.*, July 29, p. 791) in regard to the difficulties of getting women to master the business side of pharmacy.

Died on Service.

Anderson.—Gunner George Anderson, of the R.F.A., who has been killed in action, aged twenty years, was a chemist's assistant, and the youngest son of Mr. and Mrs. J. S. Anderson, 7 Prince of Wales' Terrace, Scarborough.

Glass.—Killed in action, Private Leonard Glass, of the Middlesex Regiment, son of Mr. William Glass, 320 Lichfield Road, Birmingham, aged nineteen. His elder brother, Private Alfred Glass, of the same regiment, was killed on September 12. Before the war they were both with Southall Bros. & Barclay, Ltd., Birmingham.

Hobbs.—Killed in action on September 25, Lance-Corporal Bernard Francis Hobbs, second son of Mr. A. E. Hobbs, Ph.C., 33 Mount Pleasant Road, Tunbridge Wells, aged twenty. Mr. Hobbs had been at the Front about a year, and was wounded last June, but quickly recovered. He assisted in his father's business until he joined the Army in 1915. At that time he was Assistant Scoutmaster to the Pioneer Troop of Boy Scouts. His elder brother, Lieutenant A. V. Hobbs, of the Royal Flying Corps, was killed in a fight with a German aeroplane in France last December.

Whitaker.—Killed in action on September 24, Lance-Corporal Albert William Whitaker, signaller in the Leicestershire Regiment, and son of Mr. Albert Whitaker, chemist and druggist, and of Mrs. Whitaker, Galen House, Loughborough, aged twenty.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Dentists on the Tigris.

Mr. Lloyd George informed Sir John Jardine in the House of Commons on Tuesday, October 17, that the Army Council had quite recently been informed that no more dentists are required for the troops on the Tigris or Euphrates.

Military Dentists.

Mr. Forster informed Mr. MacCallum Scott on Wednesday that it is not the practice to send soldiers from various parts of England and Scotland to Glasgow for dental treatment by private practitioners. There is no shortage in the staff of military dentists.

Exports of Sulphate of Ammonia.

The Parliamentary Secretary to the Board of Agriculture has informed Parliament that the quantities of British-made sulphate of ammonia exported to the Netherlands since 1912 were: 1912, 2,216 tons; 1913, 2,872 tons; 1914, 9,074 tons; 1915, 31,741 tons; and for the nine months ended September 30 last, 6,977 tons.

Control of Bleaching-powder.

In the House of Commons on Wednesday, October 18, Mr. C. T. Needham, M.P., asked the Minister of Munitions when it was intended to control the production and sale of bleaching-powder, and, if so, when he will arrange for licences to be given for its use in the textile trades.—Mr. Primrose replied that it is not at present found necessary to do so. Should the necessity arise, due consideration will be given to the best means of meeting the commercial requirements.

Indian Indigo.

Questioned by Sir William Byles on Tuesday as to the indigo industry in India, Mr. Austen Chamberlain stated that the average value of indigo exports from India in the five years ended 1896-97 was about 3,000,000*l.* a year. An indigo-research branch under a competent chemist has been constituted in the Indian Agricultural Department, and its investigations are examined and criticised by a small expert Committee which has been appointed in this country. The Committee includes an eminent chemist and representatives of the planting interests and dye-users.

The Sanatogen Business.

In the House of Commons on October 12, the President of the Board of Trade (Mr. Runciman) stated in reply to Major Hunt, M.P. for Ludlow, that the business of Wulfing & Co. had been continued by the Controller appointed to wind it up pending a sale of the assets to a British purchaser, in order that the assets acquired by the purchaser should be of value to him, and that the position of farmers who had contracts with the firm should not be prejudiced. Tenders for the assets were invited by the Controller some time ago, but could not be proceeded with pending the settlement of certain difficult questions about the trade-marks used in connection with the business. These having now been disposed of, the Controller is again inviting tenders.

New Shops Closing Order—Chemists Excluded.

Mr. Herbert Samuel announced in the House of Commons on Tuesday that in view of the restriction of lighting and to economise coal the Government are proposing to make an order for the closing of all shops, subject to a few exceptions, during the winter at 7 P.M. on days other than Saturday or the weekly half-holiday, and at 9 P.M. on Saturday. Inquiries made show that such a measure will be welcomed, and that it has already been anticipated to a large extent. The chief exceptions allowed will be for the sale of meals, of newly cooked provisions for consumption off the premises, of medicines and articles required in the case of illness, and of newspapers, and an extension of time to 8 P.M. instead of 7 P.M. will be allowed in the case of barbers and hairdressers. The Order does not apply to the hours of sale of intoxicating liquors. The Order will come into operation on October 30. It will not apply to Ireland.

The Use of Cocaine.

A very largely attended conference between about seventy Members of Parliament and a deputation representing unregistered dentists was held at the House of Commons on Tuesday evening for the purpose of discussing the attitude of the Home Office towards the use of cocaine. Mr. P. Wilson Raffan, M.P. for Leigh, presided. The case for the deputation was stated by the President, Secretary, and solicitor to the Unregistered Dentists' Association, and it was urged that the permission temporarily granted by the Home Office should be extended for another six months or else permanently; and it was pointed out that during the three months in which the permission had been granted not a single case of the improper use of cocaine had taken place. It was also urged that cocaine might be supplied, under proper regulations, from the authorised depots. Mr. Herbert Samuel has since consented to receive a deputation on Tuesday, October 24.

Pharmacist Volunteers.

The inspection delayed by Lord French's illness takes place, the work by London pharmacists surprising a veteran.

Some Two Hundred Chemists, comprising the Pharmacists' Volunteer Corps, which is linked with the Central London Volunteer Regiment, were reviewed on Sunday morning, October 15, in Brockwell Park, where they have established a camp which has won commendation from high military quarters. The Corps and its camp were reviewed and inspected by Brigadier-General the Hon. Francis Bridgeman, a veteran who earned fame in the Soudanese campaign of thirty-one years ago. The ceremony attracted many people, and the Mayor and Corporation of Lambeth officially attended to welcome the distinguished Brigadier-General, and at the same time give a pleasing municipal recognition to the useful work of the Pharmacists' Volunteer

Corps. Besides many unofficial pharmacists, Mr. Edmund White, President, and Mr. W. J. Uglow Woolcock, Secretary of the Pharmaceutical Society, were also present. Mr. White is also President of the Corps.

The Corps was under the command of Sub-Commandant E. A. Atkins and Adjutant F. W. March. General Sir Desmond O'Callaghan could not be present because of work "somewhere" else, while Sir William Collins, who takes a keen interest in the Corps, was absent because of illness. There was a brief service, conducted by the Brigadier-General, preparatory to the review. The Brigadier-General subsequently called for the officers, and with them made a very complete inspection of the camp and its marvels, photographers and cinematographers meanwhile securing pictorial records of scenes and incidents of the memorable review. The various contrivances in the way of camp sanatoria and economy had been completed, and even a shower-bath improvised from biscuit-tins was now ready; and the inspecting officer paid fitting tribute to the efficiency and resourcefulness of the Corps, both while examining the camp and in a subsequent brief speech to the men.

Mr. E. A. Atkins.

It is doubtful whether any Volunteer Corps has received such a eulogy as that which was now spoken to the pharmacists. Brigadier-General the Hon. F. Bridgeman declared that it had been a very great pleasure for him to see what the Corps had accomplished, and he was amazed at the admirable work which had been done. It was all most interesting, and what appealed so strongly to him was the fact that the work had been carried out without any requisition for materials from the War Office. Use had been made of those things which could be picked up at any big camp, and articles regarded as waste had been converted into things of great use in the way of camp welfare and sanitation. It was for that reason that the work was so valuable. A glance at the camp was enough to prove that the men had plenty of initiative and had made the fullest use of their brains. Indeed, they had done things which would be a valuable innovation to the Regular Sanitary Authorities. Some of these authorities, as a matter of fact, had already been to the camp, and considered the work done to be admirable. In fact, the work of the Volunteers was so commendable that they ran a risk of being commandeered for service in Flanders, where their ingenuity and industry would prove valuable and welcome. He certainly thought they had taught the Regulars that there was a great deal even for them to learn. The essential feature of their work was that there was so much simplicity but yet so much real utility about it. He was extremely anxious that the Sanitary Company should be properly recognised, and it was a mistake that it had not yet been done. He could not understand it. No other nation in the world would neglect such a useful number of men, all ready and willing to give time and leisure to serve their country for nothing. Yet the valuable work achieved by the pharmacists had so far escaped official recognition. Nevertheless the Volunteer movement had to wait long for official recognition, and he felt sure that the Sanitary Company would soon be recognised, when he would have the pleasure of addressing the Commanding Officer as Captain Atkins.

The event was brought to a close by the presentation of over seventy British Red Cross certificates for sanitation. The exhibition will be kept intact for another fortnight, and any pharmacist who would like to see what fellow craftsmen can do in a military capacity is heartily invited by the Commanding Officer and men to call at Brockwell Park any time.

A Doctor declares we drink too quickly. Perhaps he would recommend as a remedy sloe gin.

Miss Mary Davies, bacteriologist, The Robert Walton Goelet Research Fund, Hôpital Militaire V.R. 76, reports to "The Lancet" (1916, II., 603) on the treatment of cloth by antiseptic substances in relation to wound infections, showing that it is possible experimentally to prevent cloth from becoming a focus of infection. It means that a soldier's clothes have to be steeped in the bactericidal solution and afterwards dried. The paper contains the details.

Trade Notes.

Extract of Male-fern.—It will be noticed that Gignoux Frères & Co., Decines, near Lyons, include this amongst the pharmaceutical products which they can supply either direct or through their London agent, Mr. R. Ansay, 44 Wilson Street, Finsbury, E.C.

The Emergency Trade Counter at Burroughs Wellcome & Co.'s head offices, Snow Hill Buildings, London, has been open on week-days until 10 P.M. hitherto, but in future the closing-hour will be 9 P.M. The attendance on Sundays will be discontinued until further notice.

Salicylic Acid and its products are being manufactured by the Warrington Chemical & Drug Co., Paddington, near Warrington. We have received a sample of the salicylic acid, which is a beautiful product in fine silky crystals of B.P. melting-point, the other factors being in accordance with official requirements.

Tubed Preparations.—The latest products of the White Band Manufacturing Co., Ltd., Progress Works, South Croydon, include chilblain-ointment and smoker's tooth-paste, in collapsible tubes to retail at 6*d.* each. They are nicely put up, and in a manner that enables the retailer's name to be put on by the company, who also supply attractive showcards. The prices are right, too.

French Otto of Rose.—"La Parfumerie Moderne," conducted by Mr. R. M. Gattefossé, of Gattefossé et fils, essential-oil distillers, Lyons, calls attention to the fact that otto of rose from the Balkans is being imported in a grossly adulterated state. It was pointed out in "Le Matin" recently that, although the Bulgarians only produced 3,000 kilograms of otto of rose annually, contact with Germans, experts in fraudulent practices, enabled the Bulgarians to increase the quantity to 5,000 kilograms. The present is, therefore, an excellent opportunity for changing the fashion for Bulgarian otto of rose and purchasing that made in the South of France, which is of excellent quality and cheaper than the enemy product. It should be a matter of honour with the perfumers of the Allied countries to discard all enemy products wherever possible, and an excellent opportunity is offered in the case of otto of rose.

British Lanoline.—We have had the opportunity of examining specimens of adeps lanæ B.P. and adeps lanæ hydrosus B.P., manufactured by the London Pharmaceutical Refiners, Ltd., Martin's Yard, Endwell Road, Brockley, S.E., whose sole selling agents are the Produce Brokers Co., Ltd., 24-28 St. Mary Axe, London, E.C. The product is an interesting example of the success that follows British method and thoroughness, for the London Pharmaceutical Refiners, Ltd., have perfected their process of manufacture from British material, so that the adeps lanæ produced not only conforms with the requirements of the British Pharmacopœia, but is indistinguishable from adeps lanæ which had been imported from Germany for many years. The characteristics of the product accord with the characters and tests of the British Pharmacopœia, except that in one or two respects the L.P.R. product is superior. For instance, the amount of free acids permitted by the B.P. is almost double that contained in the L.P.R. product, and it is notable that this is quite free from objectionable woolly odour. Adeps lanæ is put up in 28 lb., 56 lb., and 1 cwt. kegs, as well as 3½ cwt. barrels. The manufacturers and agents supply it only in wholesale quantities, but the leading wholesale druggists hold stock, and can supply either the anhydrous or hydrosus form. We understand that the manufacturers are producing it in such quantities that they have been able to export a large amount to Russia.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated

105/40. Squaw Vine compound.
104/29. Bonjean's female pills.
104/1. Lilac Russe perfume (Hendly & Co.).
106/13. Metal blackhead removers: actual makers.
103/41. "Dog" brand phenol.
108/41. Davies' triple-spring arch support.
109/4. Gregory's balm of liquorice.

INFORMATION SUPPLIED.

Acetic anhydride, 102/25
Crème veloin, 99/17
Dairy thermometers, 95/28
Godfrey's inhaler, 92/49
Holman's liver-pad, 79/71
Packing machinery, 89/9
"Parasitox," 90/43
Payne's reagent, 96/31
Wright's (Sir Almroth) vaccines, 89/55

Personalities.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

Councillor G. Turton Green, Deputy-Mayor of Henley-on-Thames, was sworn in as a Justice of the Peace last week.

Mr. Richard R. Moyle, who has been a traveller for Read Holliday & Sons, Ltd., and the British Dyes, Ltd., has been appointed personal assistant to Sir Charles Bedford, Secretary of the Association of British Chemical Manufacturers.

The retirement of Mr. Freshfield Reynolds, Ph.C., Gloucester, recalls many interesting pharmaceutical events. Mr. Reynolds is a cousin of the late Richard Reynolds, Leeds, and after his education at the Friends' School, Bootham, York, began a pharmaceutical apprenticeship in September 1855, when he was fifteen years old. Mr. E. Waller Martin, Guildford, was his apprentice-master, and after his six years' apprenticeship he went as an assistant to Alsop & Quiller, Sloane Square, London, which he left in 1862 to take a position in the dispensing and retail departments of Harvey & Reynolds, 13 Briggate, Leeds. When Mr. Thomas Harvey retired Mr. Freshfield Reynolds became a partner with his cousin in the retail and dispensing departments, and this was continued until his removal in 1882 to Harrogate. He opened a new pharmacy there, which in 1899 he disposed of to Mr. Handford, when he acquired the Mynd House Pharmacy in Gloucester, where he has taken exceedingly active interest in all pharmaceutical affairs until now. Mr. Reynolds has thus been sixty-one years behind the counter, and is retiring to live a quiet peaceful life with his wife in Long Sutton, Langport, Somerset, at the home of their eldest daughter in this charming country village.

Mr. F. Reynolds.

An Aquaperia Campaign, or something of that sort, has been conducted by the executive men of Camwal, Ltd., and these are the men who arranged it:

Back Row: Mr. E. F. Goering (London Manager), Mr. E. Cannon (Manchester Manager), Mr. F. H. Kidson (Birmingham Manager), Mr. F. H. Moore, Ph.C. (Works Chemist); *Front Row*: Mr. R. R. Groome (Bristol Manager), Mr. H. T. Butler (Secretary), Mr. F. G. Pirie (General Manager), Mr. A. L. Foster (Harrogate Manager).

Many chemists and druggists in the United Kingdom have made the acquaintance of one or other of these gentlemen, who have succeeded in making Aquaperia a household word.

Observations and Reflections.

By Xrayser II.

The Pharmaceutical Society has Failed to convince Mr. Roberts. The failure was foreseen and inevitable, not because the establishment-charge is really adequate, but because the difficulty of differentiation is, as the Society now admits, "almost insuperable." The folly of accepting such a situation is open, palpable; we can have no further confidence in the Society's leading; Mr. Roberts has seen, from the time of last year's surrender, that so long as he had our present leaders alone to deal with the game was in his own hands. The Society now advises us to

Accept the New Offer, binding us to service for 1917. The terms are new, and they have not been discussed by any body of working pharmacists competent to speak on such a matter for the whole trade. No time for discussion is allowed us; we are not expected to discuss them; it is again a case of take it or leave it; we are told to observe "the strictest privacy" in what we do, and upon the individual pharmacist is placed the responsibility of a decision of the highest moment to the trade and the public. Mr. Roberts has taken nine months to arrive at his ultimatum; we are allowed a fortnight in which to make up our minds. There is no need for such haste, and I heartily hope that pharmacists generally will refuse to vote without time for mutual conference and arrival at some common agreement. There are proverbially two sides to every question; we have had only one put before us, and, as I have said, it is not a question affecting us as individuals only. I do not say we should

Reject the Offer, but we must insist upon having time to consider it. The point emphasised by you last week is of itself a sufficient reason for this. The condition attached to the offer made us is so extraordinary that it seems impossible it can be meant as it reads. The extra 0.3*d*. is ostensibly an increase in the establishment-charge, yet the condition refers to an entirely different matter—the "supply of drugs and appliances at increased prices." If the increase of working-expenses is to be met, why not the increase in price? It is likely to be at least as great as the other. And exception might be taken to the way in which the "act of grace" is offered. The conditions of this year's service are no more normal than those of next year will be, and it is merely an act of justice to give us the same terms for both. As it is put it may perhaps be regarded as an act of *conditional* justice. It has, in fact, an ugly look.

The Formula on the Label would not, argues Mr. J. A. Radford, affect the sale of a good proprietary, though it might stop that of a fraudulent one. I could, however, name half-a-dozen famous proprietaries the sale of which has to my own knowledge been very seriously affected by the publication (though not on the labels) of their supposed formulæ. The effect of publishing the true formula would be immensely greater. And why should medicine-proprietors, alone of all men, be required to disclose their trade secrets? Why should fraud be stopped at the expense of honest merit? We must not be unjust even in protecting that overgrown baby the public. Let fraud, when proved, be punished as severely as it deserves, but by direct means. Grossly false descriptions and claims are not so difficult of proof that we can only reach the offenders in this roundabout way. A more excellent way would be to return to the old custom of actually taking out patents for medicines. The specification required might easily be made such as would prevent actual fraud, and the ordeal would be a sufficient discouragement of applications that had not some real value behind them. There would at least be a strong presumption of the applicant's honest belief in his invention.

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Editorial Articles.

Insurance Dispensing Terms.

Before the trade in England and Wales vote on the new Insurance dispensing conditions there is one point which merits their particular attention. The Departmental Committee on the Drug Tariff, in order to place the Tariff on what the Committee considered a commercial basis, stated in their Report that

(*a*) The principles upon which the Tariff is constructed should be simple and self-evident; (*b*) each of the component parts of the price payable for any prescription should give to the chemist a return or remuneration for some specific group of his expenses or services. The principles adopted in any such classification should be strictly adhered to, *all balancing or averaging being entirely abolished as between component parts of the total price and reduced to the narrowest possible range within each component part*; (*c*) there should be a scale of dispensing-fees per prescription graded solely by the degree of professional time and skill required in the dispensing of the several classes of medicaments. It will follow from this principle, as well as from the recommendation contained in paragraph (*b*) above, that this part of the price should convey remuneration for those services alone which ought to be remunerated at the rate payable for professional services. When those services have been disposed of by means of this scale of dispensing-fees proper, *it follows that we have yet to provide for the charges in respect of establishment-expenses, including personal services other than professional services*, and the actual cost to the chemist of the drugs dispensed in the prescription. (*d*) We have already recommended that establishment-expenses should be charged in the form of a rate per prescription; and we are of opinion that the amount of this rate should be fixed so as to afford a return for all establishment-charges and personal services, excluding those remunerated by the scale of dispensing-fees proper. There is now nothing left but the cost to the chemist of the actual drugs contained in the medicines dispensed by him, and the cost of the appliances which he supplies. (*e*) From the fact that our previous recommendations provide for every part of the chemist's remuneration or return other than the cost of the drugs and appliances supplied, it follows that he should receive no more than his actual outlay on this item. We are of opinion that the actual cost to the chemist of the particular quantity of every separate drug ordered by

the practitioner as an ingredient in the prescription should be separately priced with as great a degree of precision as circumstances permit.

The Report proceeded to state that the Tariff then given was prepared in accordance with the foregoing principles. Dispensing chemists in England and Wales should compare the quoted statement with the Tariff to be offered by the Commissioners for 1916-17 and recommended by the Executive Committee. The italicised portions should receive special attention. If the words mean anything, they mean that dispensing chemists are to be paid for their actual outlays in drugs, their actual expenses in selling the drugs, and dispensing-fees based on actual time and skill involved in the work. Moreover, the recommendation specifically excludes payment on any average system, therefore excludes a payment based on average expenses. In other words, the allowance for establishment-charges must not be averaged. The same holds good regarding dispensing-fees—these must not be averaged, if the Departmental Committee's views are to prevail. Whatever course the Committee took in preparing a commercial Tariff, they leave no doubt as to their approval of the principle of paying a chemist for his actual establishment-expenses. It is, however, an open secret that the 0.8*d.* per prescription recommended by the Departmental Committee as an allowance for establishment-charges is *an average figure* based on the returns from a small number of chemists' businesses, figures for which were obtained for the Committee. We think some explanation is necessary from the representatives of the Pharmaceutical Society on the Departmental Committee as to why, since they knew the facts, they accepted the principle of paying dispensing chemists an allowance for establishment outlays based on the average expenditure in a chemist's business as found from the few cases dealt with.

Once More, the Hat.

Chemists and Druggists in Great Britain who take special interest in pharmaceutical affairs will have noticed that the Qualifying examinations have this year been much smaller numerically than they are as a rule. The figures are much below 1915, and that year was better than 1914. War conditions take time to affect the natural order of things, and this year there has been a decided falling-off in candidates. The Society's monthly financial statements show that the total received in January, April, July, and October in fees for the Minor and Major examinations was 3,766*l.* In 1914 the amount received for these examinations was 6,131*l.*, and in 1915 a sum of 6,991*l.* was passed to the financial statement in respect to the same examinations. We may recall the fact that three guineas was the Minor examination-fee originally, but about thirty years ago it was raised to five guineas, and some years later that fee was doubled. This was good business for the Pharmaceutical Society, for it secured its financial position, which was made still more secure by the 1898 Act that enabled the Society to change the name of associates to members. Now that the war prevents men qualifying, receipts from examination-fees suffer, and Society leaders are looking about to see where they can get more money. It has apparently been decided that the easiest way is to force chemists and druggists who are not members of the Society to become so now, as an acknowledgment of the fact that the Insurance Commissioners are to pay 0.3*d.* more of establishment-charge on Insurance prescriptions. In December 1915 the Society induced Insurance chemists in England and Wales to combine with them in checking prescriptions, one effect of which was that 40 per cent. of the money paid by Insurance Committees to Pharmaceutical Committees was to be handed over to the Society. This has been done, but how much the Society has received we cannot tell, because no such money has been reported in the Council's monthly statements. Dispensing chemists know that it has been paid, for it has been taken off their Insurance-dispensing accounts, and it is 40 per cent. of this that goes to the Society. We think it savours of impudence for the Society to doff its hat and hold it out for the trade to put in some of the money which the Insurance Commissioners say that chemists require for "increased war expenses." What could be more pitiful than the spectacle of an historic Society coming down to such a begging condition as this, especially after being so honourably and liberally treated as the Pharmaceutical Society has been!

Establishment-charge and Prices of Drugs.

In commenting last week upon the proposed addition of a third of a penny to the establishment-charge on dispensing Insurance prescriptions, we emphasised the statement in Mr. Roberts' letter to the Pharmaceutical Society that this is to be given in 1917 "*in consideration of their* [*chemists*] *undertaking a continuance of the supply of drugs and chemicals at increased expense to the individual contractor.*" This is causing a good deal of trouble throughout the country, and a dispensing chemist who wrote to the Insurance Commissioners about the matter has received a telegram, of which we append a copy:

Copy of Telegram.—Phrase quoted in yours of 13th relates only to increased working expenses, in consideration of which additional allowance of point three is given. The monthly revision of drug prices will, of course, be continued.—Insurance Commission.

This is satisfactory, and we trust that the ambiguity in the letter will be avoided in official agreements.

The Glasgow View.

The "Glasgow Herald" is particularly well informed in regard to Insurance dispensing, and referring the other day to the report of the Pharmaceutical Standing Committee to the Scottish Insurance Commissioners and the agreement to go on for another year, said:

The statement shows that the tariff which the Commissioners proposed to apply to Scotland—namely, the English tariff—would mean a reduction of 20 per cent. in the payment received for medicines and appliances, and the Standing Committee adds: "We cannot entertain any such reduction." Scottish chemists are to be congratulated in securing the continuation of terms which more nearly approach to "a living wage" than do the English terms.

The Pharmaceutical Society is not at present saying anything about this: it simply wants English and Welsh chemists to think and believe that they will be thousands of pounds better off if they accept the 4.16 per cent. advance that Mr. Roberts is now giving them; but not a word emanates from the Square about the 20 per cent. more that Scottish chemists have been getting all this year!

Boric Acid in Cream.

The Local Government Board under the Public Health (Regulations as to Food) Act is making new regulations controlling the use of boric acid in cream. It will be remembered that in 1912 the Board published regulations permitting the addition of boric preservatives and hydrogen peroxide to cream, provided that a declaration was made of the presence of the preservative. The regulations did not limit the amount of the preservative, and in some districts arbitrary standards were set up. This resulted in the prosecution of dealers whose ideas on the amount required did not coincide with those of local medical officers, who, of course, had no special knowledge as to the quantity of preservative that should be used, but fixed purely arbitrary standards. The Local Government Board has now interposed and fixed 0.4 per cent. of boric acid as the maximum that may be used,

and the quantity contained in any cream sold is to be stated on the declaratory label. The regulation fixes the size of the label and form of declaration, and is to come into force "on the expiration of forty days as from October 3" unless reasons are in the meantime shown to the contrary.

Sanatogen and Formamint Trade-marks.

The Board of Trade has ordered the registration of the trade-marks "Sanatogen" (246,802 and 257,583) and "Formamint" (264,704) to be avoided. This means that henceforth the words sanatogen and formamint are public property, and can be applied by anyone to products of a like nature. Sanatogen was made under Patent 1,541 of 1898, "Albumen preparations soluble in water from glycerophosphates and albuminoids," which expired in 1911, and as it is the settled law of this country that the name of a patented article becomes public property on the expiry of the patent, it is not surprising that the Board of Trade has arrived at the decision that the word "Sanatogen" shall no longer remain on the trade-mark register. The curious thing is that the decision has been so long delayed, but it is due no doubt to the inherent propensity of English people to deal out strict justice. It will be remembered that in 1914 two applications were made to the Patent Office for the avoidance of the trade-mark "Sanatogen," but these were refused, as at that time it was not considered in the public interest to avoid the mark. The trade-mark "Formamint" was also the subject of an application for avoidance in 1914, but this application was also refused. In this case there is no patent involved, but we take it that as the word has become the name of an article it has ceased to fulfil the primary functions of a trade-mark, and on this ground has been removed from the trade-mark register.

Chemists and Glycerin.

We have received inquiries with regard to the Birmingham report (*C. & D.*, October 7, p. 35) respecting glycerin, in which it was stated that as the result of an interview with the Ministry of Munitions it was decided to limit sales to 2 oz. We understand that the statement was the outcome of "an interview with the Ministry and the firm concerned," but there appears to be some misunderstanding. In the meantime the Director of Propellant Supplies, writing to us on October 16, says:

"It is the desire of this Department that all medicinal glycerin, whether held prior to the restrictions coming into force or not, should be used only for the making-up of B.P. or B.P.C. preparations, or where it is prescribed in individual cases by a doctor, and it is probable that within a few days a general communication will be made to the Press on this subject."

This puts a much narrower restriction on glycerin than was given in our issue of October 7, and it is to be hoped that the Ministry will take a more liberal and rational view of the matter than is embodied in the passage which we quote.

English Belladonna.

In our Summer Issue we published an illustrated article by Mr. J. Beetham Wilson, Dorking, on the cultivation of belladonna in that neighbourhood. "Straffing the Hun" was one of his objects, for it needed the war to bring people to realise that they had been getting more and more dependent on Germany for belladonna, which grows better in England than it does in Prussia. Mr. Wilson's venture is a success. He had four plantations (see *C. & D.*, July 29, p. 772). No. 1 has paid its way this year, and No. 3 is likely to do so next year. No. 2 is the dubious plot that Mr. Wilson previously spoke of; it is clay soil, and looks hopeless now. No. 4 is being kept for stock plants. But Mr. Wilson has done more than grow the plants: he has been cultivating the habit in others, having had communications from 1,300, and to 1,000 of these he has sent seed gratis. British Possessions have also been interested, Australia, Canada, Leeward and West Indian Islands, New Zealand, and South Africa, as well as English residents in U.S.A., having been helped. Mr. Wilson has no more seed to send out—a fact which our Colonial subscribers will please note—but next year he hopes to furnish more.

A Forgotten Report.

Referring to the use of emp. plumbi as an abortefacient, Sir Henry Norman writes to "The Times" to state that the Select Committee on Patent Medicines took "a mass of evidence from all available sources," and adds, "It is hard, after all the time and labour we gave to this Report, that it should so soon be forgotten." The letter shows disappointment that no action has been taken on the Report which the Select Committee issued. Sir Henry forgets, however, that the medicine stamp-tax has been doubled, and that the sale of medicated wines has been subjected to regulations, as a direct result of the Report—at least, that is the view of the medical Press. The Select Committee was appointed "to inquire into the question of the sale of patent and proprietary medicines and medical preparations and appliances and advertisements relating thereto." Incidentally the question of the supply of abortefacients was brought in, mainly, we believe, with a view to discredit proprietary medicines, but it cannot be said that the Select Committee was appointed to consider that subject. It does not appear, therefore, that the Report need be regarded as an authority on the sale of diachylon.

Pharmaceutical Society of Ireland.

Council-meeting.

The Council met at 67 Lower Mount Street, Dublin, on Tuesday, October 10, as briefly reported in the *C. & D.* last week. Mr. James Tate presided, and the following other members of Council were present: Dr. C. J. B. Dunlop, Dr. J. A. Walsh, Dr. A. J. Barnes, Messrs. Thomas Batt, R. Blair, J. E. Connor, J.P., Wm. Doig, Wm. J. Hardy, Wm. Jameson, James Michie, T. N. Moffit, John Smith, D. M. Watson, A. Owen Wells, and W. F. Wells.

Mr. Tate welcomed old members of the Council who had been re-elected, also Dr. Barnes, a new member, whose work on behalf of the P.A.T.A. he referred to, and he trusted that Dr. Barnes would find much further scope for his activities in the Council.

Dr. Barnes, in thanking the Chairman, stated that at the time of his candidature he was President of the Drug Trade Association of Dublin, which had held its annual meeting in that room the previous night, and he had been deputed to convey to the President and Council a most cordial vote of thanks for the use of the premises.

Election of Officers.

Mr. W. F. Wells moved that Mr. James Tate be re-elected President. In Mr. Tate they had a President who had taken a very great interest in the Society from the time he had joined the Council. He was their North of Ireland Executive; he had done their work there for a great number of years; he had filled the chair to the satisfaction of every member of the Council; he had been a courteous, genial chairman; and he (Mr. Wells) had very much pleasure in proposing Mr. Tate's re-election.

Mr. Hardy seconded, and as a Belfast man mentioned some of the matters in which he and Mr. Tate had mutual interest.

The re-election was unanimous, and Mr. Tate, in accepting the office for another year, said that his hands are pretty well filled with work elsewhere, and he thanked them heartily for the confidence they were placing in him. Had their choice not been as unanimous as it was, he certainly would not have accepted the honour. He asked the loyal and continued support of councillors and members of the Society, and he added:

They had a great deal to stimulate them when they looked abroad on the nations of Europe and saw the happiness they enjoyed at home compared with the turmoil and tragedy of war elsewhere. They had also had a great deal in the way of education, as far as their nation was concerned, in the matter of chemicals and drugs that had been prepared in Germany. They hoped that the stimulating influence that was being exerted in Great Britain would bear fruit, and that in future they would not see on their shelves drugs from Germany, but that their shelves would be covered by drugs bearing the well-known words "Made in Britain." It was high time that they woke up to the fact that they had been dependent so long on others to help them. He had had the pleasure, during his year of office, of receiving an invitation from the Liverpool Drug Trade Association. He was cordially received, and the cordiality of his welcome was only equalled by the hospitality and kindness of the President. He felt that a link had been forged between the Pharmaceutical Society of Ireland and that kindred Society across the water.

They might look forward, he trusted, to find in the future a happier feeling existing between the Irish Pharmaceutical Society and the English Pharmaceutical Society. He understood that at the present time there was no unfriendliness. But they could encourage one another more and stimulate one another more in matters pertaining to their craft.

The President then proposed that Mr. Michie be re-elected Vice-President, which Mr. Smith seconded, the Council agreed to unanimously, and Mr. Michie, in acknowledging, said the activity of the President left him very little to do.

Mr. John Smith proposed and the Vice-President seconded the re-election of Mr. G. D. Beggs as Hon. Treasurer, which was unanimously agreed to.

Messrs. Thomas Batt and J. H. Bowden were unanimously re-elected auditors.

The Law Committee, the Committee to Inspect Candidates' Certificates, and the Committee to Examine Declarations, etc., of Candidates for Examination and Registration as Registered Druggists were unanimously re-elected. The School Committee and the House and General Purposes Committee were re-elected with the addition of Dr. Barnes.

Correspondence.

Mr. Henry V. Goldon, in resigning office, expressed in a letter his deep gratitude to the Council for invariable kindness and courtesy.

Dr. J. W. Harvey, M.P.S.I., Lieutenant R.A.M.C., Examiner in Materia Medica and Botany, wrote intimating that his duties on the R.A.M.C. prevented him attending the October examination. Mr. James Guiler had been appointed by the President to take Dr. Harvey's place.

Preliminary Registration.

Miss Jessie R. M. Wallace, Messrs. T. Barrett, J. P. Burk, J. J. H. Sewell, and L. J. Woodside, submitted certificates from other bodies and were admitted to Preliminary registration. Mr. D. Hartnett, who produced evidence of having passed an Intermediate Board examination, was admitted subject to the production of a certificate from that body.

Changes of Address.

The following wrote notifying changes in their address:

Mr. Laurence Kenny, Ph.C., to The Pharmacy, Ltd., Main Street, Carrick-on-Shannon.

Mr. Thomas White, Ph.C., to 26 Royal Terrace, W., Kingstown, co. Dublin.

Mr. Stephen O'Keane, R.D., to The Drug Stores, 48 High Street, Kilkenny.

Mr. H. C. Smith, R.D., to The Medical Hall, Ballybunion, co. Kerry.

Elections.

The following were elected members:

Mr. Benjamin Ralph Allshire, Ph.C., The Medical Hall, Glasnevin, Dublin; Mr. Denis Joseph Chadwick, Ph.C., Borrisoleigh, co. Tipperary; Mr. Timothy Horan, Ph.C., The Medical Hall, 30 Parnell Street, Clonmel; Mr. Patrick Michael Kavanagh, Ph.C., Grealy's Medical Hall, Galway; Mr. John Francis McCann, Ph.C., 13 Gilford Avenue, Sandymount, co. Dublin; Mr. Edward Stephen O'Connell, Ph.C., Courthouse Row, Listowel, Kerry; Dr. David O'Sullivan, Ph.C., 34 Tyrconnell Road, Inchicore, Dublin; Mr. Thomas Cecil Scott, Ph.C., The Medical Hall, Kilkee, co. Clare; and Mr. Arthur Harold Story, Ph.C., Kensington Hall, Knock, Belfast.

The following were elected Associate Druggists:

Mr. Michael S. Keane, R.D., 72 O'Connell Street, Clonmel; Mr. Thomas Frederick Storey, R.D., 14 Alfred Street, Belfast.

Nominations.

The following were nominated for election as members:

Mr. John Vaughan, Ph.C., The Medical Hall, 67 Barrack Street, Nenagh, co. Tipperary.

Mr. Robert Mellon, Ph.C., 62 Dame Street, Dublin.

Other Business.

The Registrar submitted a certificate of the death of Mr. George Graham Betherston, Ph.C., late of Dublin.

The Yale University Library was thanked for "The Collection of Osteological Material from Machu Prichu."

Reports were received from the Law Committee and the Certificates Committee and adopted.

Examinations.

We have received the following results from the Registrar:

Pharmaceutical Licence Examination.—Wm. Clement Byrne, Tullow, co. Carlow; Henry Isaacson, Dublin; Patrick Joseph Hallahan, Aglish, co. Waterford; and Frederick Palmer Armstrong, Manorhamilton, co. Leitrim, passed with honours. Wm. John Moore, Belfast, also passed. Ten candidates were rejected.

Pharmaceutical Assistant Examination. — Matthew Francis McBride, Dublin, and Vincent Hood Nicholson, Cork, passed.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Derbyshire.—At the meeting of the Insurance Committee on October 16 the Clerk explained the communication regarding the increased allowance to chemists for the establishment-charge. For the current year this would mean in Derbyshire an extra 550*l.* for the chemists. Asked by the Chairman whether the chemists would accept the offer, the Clerk replied that he had not made the offer known to them, but they had probably been notified of it through their own organisation. Mr. C. W. Ridyard, the chemists' representative, stated that the Pharmaceutical Committee had not as yet considered the matter, and it was by no means certain that they would recommend the chemists to renew their agreements. He hoped they would be able to in the national interests, but there are other factors to be taken into account. The Commissioners notified that they were unable to approve of the proposal of the Panel Committee that the doctors should be paid a flat-rate of 2*s.* 6*d.* per 100 insured persons in respect of emergency drugs and appliances for persons for whom they did not dispense. The Commissioners suggested that payment should be made on the basis of a flat-rate per prescription equivalent to the average cost for the area under the current Tariff. The letter was referred to the Panel Committee.

Isle of Wight.—The monthly payments to chemists were reported at the last meeting of the Insurance Committee, and also the settlement of the drug accounts for 1915. The Drug Fund credit is 1,975*l.* 16*s.* 1*d.*, the chemists' accounts for 1915 were 1,930*l.* 13*s.* 11*d.*, and 1,544*l.* 13*s.* 1*d.* was paid to chemists on account.

Sheffield.—A meeting of the Pharmaceutical Committee was held on October 16, Mr. H. G. Williams in the chair. A letter from the Insurance Committee, enclosing the Commissioners' Mem. 227 I/C, was considered, and it was decided that a protest should be made against the inclusion in the list of stock mixtures of mist. alba and mist. rhei co. The Secretary was asked to point out that mixtures containing insoluble drugs cannot be distributed accurately from stock, also that the two mixtures are retained. The responsibility for uniformity should not rest with the chemist if samples are taken under the Sale of Food and Drugs Acts. The proposed terms of the drug contract for 1917 were considered, and as some doubt existed as to the issue of the Tariff, the Secretary was instructed to apply for particulars before the Committee agreed to recommend panel chemists to sign the new contract. The Committee were of opinion that no risks of war prices should be placed upon the panel chemists. It was decided to make one further payment for 1916 of 31*l.* for the checking of prescriptions. The complete check by the Pharmaceutical Society showed only some 12*s.* per 100*l.* underpriced by the Pricing Bureau. It was decided that the panel chemists be asked to send to the Secretary their proposed hours of dispensing for 1917.

Warwickshire.—A meeting of the Pharmaceutical Committee was held at Leamington on October 11, Mr. Hutton in the chair. It was reported that the Panel Committee had declined to adopt any of the stock mixtures issued by the Commissioners for supply at a reduced fee, that the chemists' accounts for 1915 had now been paid in full, and that the 1916 accounts, though still somewhat behind, were being rapidly brought up to date. The report of the Checking Bureau was read and approved, and it was decided to refer all queries from the Pricing Bureau concerning prices to the checking Bureau for reply. Mem. 227 I/C was read, and it was decided not to make any objection to the clause regarding sampling under the Sale of Food and Drugs Acts, but to recommend that the same safeguard be extended to medicines supplied from doctors' surgeries. A letter was directed to be sent to Mr. Stubbins, a member of the Committee, who has had a long illness, wishing him a speedy recovery. It was decided to recommend chemists in the area to continue service on the panel for 1917. The Advisory Committee reported regarding military exemptions. Out of twenty-five cases supported by them twenty-two had received conditional exemption and three are still undecided.

Westmorland.—A meeting of the Medical Benefit Sub-Committee of the Insurance Committee was held on October 4, when it was reported that the average cost of the prescriptions for the period January-May was 6.28*d.*,

and average cost of drugs per insured person 8.53*d*. The Chairman thought the cost high considering that Westmorland has such a good health-rate. Dr. Jack said that insured persons have a habit of dropping in to see the doctor on Saturday night instead of going to the pictures. In reply to Mr. Vogt, chemist and druggist, the Chairman said the amount is well within the allowance.

WALES.

Newport (Mon.).—At a meeting of the Insurance Committee on October 18, a communication was received from the Association of Welsh Insurance Committees, recommending that Insurance Committees should continue for a further twelve months the present arrangements for the pricing and checking of prescriptions. It was proposed, however, to amend the present form of agreement with the Cardiff Insurance Committee by providing for the appointment by the Association of a Consultative Committee of five members, whose functions and duties would be to receive and consider reports and data supplied by the Cardiff Committee, to make representations and suggestions thereon, and to confer from time to time with the Cardiff Committee and the Commissioners with a view to the more effective performance of the work of the Committee in pricing and checking chemists' accounts and prescriptions. The Newport Committee agreed to enter into the amended arrangements for next year.

Notes.

Medical Remuneration.—We referred last week (p. 42) to the memorandum that had been issued explanatory of the system of remunerating medical practitioners. It appears from the "British Medical Journal" that this was drawn up by the Commissioners with the co-operation of the Insurance Acts Committee of the British Medical Association. The memorandum enters into greater detail than the report of an interview published in 1915, which was intended to explain the system.

Sale of Food and Drugs Acts.—Arising, we presume, from the proposed addition to chemists' agreements of the provision for sampling medicines dispensed, the Public Health Committee of the London County Council have agreed to grant a request by the London Insurance Committee that the Council should analyse, on behalf of the Insurance Committee, samples of medicine at a fee of 10*s*. 6*d*. in respect of each sample analysed. The staff of the Council's public health department are to carry out the work, and any expenditure involved will be more than covered by the fees. [This means that the analyses so made will not authorise proceedings to be taken under the Acts, the L.C.C. and its employés not being public analysts. —Editor *C. & D.*]

Sanatogen.

The following are the particulars regarding the manufacture of this product (see p. 44):

Trade-marks: Nos. 246802 (Class 42) and 257583 (Class 3), registered in 1902 and 1903 respectively by Bauer & Co., transferred in 1910 to Johann Abraham Wülfing and Ernst Möller, trading as Johann A. Wülfing, Berlin. These were removed from the Register in October 1916, by order of the Board of Trade.

Patent: No. 1541 of 1898, "Albumen Preparations soluble in water from Glycerophosphates and Albuminoids," granted to Bauer & Co., Berlin. The patent expired in 1911

It is stated in the specification of the patent that glycerophosphates are capable of rendering soluble in considerable quantity albuminoids which are insoluble in water, thus rendering them assimilable. Three processes are given, the following two being the best methods:

I. The albuminoid (such as albuminates, milk-casein, or vegetable-casein) is mixed with water containing alcohol, or with other indifferent liquids, and the quantity of sodium glycerophosphate necessary for making it soluble is added by degrees while the mixture is stirred. The whole is then gently heated and the water removed, advantageously by washing with strong alcohol, after which the product is dried to eliminate the alcohol.

II. The albuminoid may be used in the form of its alkali compound, in which case free glycerophosphoric acid may be employed; thus the alkali compound of casein, containing 80 grams of caustic soda in 4.3 kilos., is suspended in alcohol, and a concentrated aqueous solution of 172 grams of free glycerophosphoric acid (calculated as being of 100-per-cent. strength) is stirred into the mixture, which is then warmed and filtered, the product being finally washed, pressed, and dried.

Associations' Winter Session.

Blackpool.—A meeting of the Blackpool and Fylde Pharmacists' Association was held on October 13 at the Palatine Hotel, Blackpool, the President (Mr. John Laurie) in the chair. The following closing-hours were adopted for the winter months: Mondays, Tuesdays, Thursdays, and Fridays, 8 P.M.; Saturdays, 10 P.M.; and Wednesdays, 1 P.M., to reopen from 6.30 till 8 P.M. These hours to remain in force until the expected Home Office Early Closing Order is issued. The terms of the new agreements for Insurance dispensing for 1917 were discussed, but although the terms offered were not considered to be satisfactory, a resolution was adopted recommending pharmacists to remain on the panel. Messrs. Bailey and Robertson were appointed delegates to the meeting of Lancashire Pharmaceutical Associations to be held in Manchester on October 18, with the object of forming a Federation of Lancashire Pharmaceutical Associations.

Chesterfield.—A meeting of the Chesterfield Pharmacists' Association was held on October 10, Mr. G. D. Denwood in the chair. There were eleven members present, and Mr. J. H. Toplis (Hon. Secretary). The question of stock mixtures was discussed, and it was decided to dispense these "under protest." Owing to the depletion of staffs caused through the war, the members decided to close their shops from 1 o'clock to 2.15 for dinner-hour.

Derby.—At a meeting of the Derby Pharmacists' Association on October 18, the position created by the proposed new order of the Home Office regarding the earlier closing of shops was considered. It was unanimously agreed to close all local pharmacies at 8.30 P.M. on Saturday, and at seven o'clock on other nights.

Essex Co.—A meeting of the Essex County Association of Pharmacists was held at River Plate House, Finsbury Circus, London, E.C., on October 17. The meeting was especially called to discuss the terms of the Insurance dispensing contract for 1917, and Mr. E. T. Neathercoat, Vice-President of the Pharmaceutical Society, addressed the meeting. It was afterwards resolved to recommend the members of the Association to accept service for 1917 under the new conditions.

Liverpool.—The Liverpool Chemists' Association inaugurated its winter session at the Royal Institution, Colquitt Street, on October 11, when the President (Mr. William P. Evans) entertained about sixty members, together with many lady friends, at a conversazione which occupied forty-five minutes, time being afterwards devoted to the items on the agenda. Mr. W. H. Clubb (Vice-President) moved that an expression of deep sympathy be tendered to the President on the loss of his second son, Lieutenant H. Sandford Evans. The President acknowledged the vote, and moved that a resolution of condolence be sent to Mr. W. H. Saunders (Ayrton, Saunders & Co.), who had lost his only son (Lieutenant Saunders) in battle. This was seconded by Mr. L. Moreton Parry, eloquently supported by Mr. F. J. Mackinlay and Dr. Symes, and carried in silence, all upstanding. Mr. R. G. Eacott, 90 Princes Road, Liverpool, who has accepted a departmental post in the laboratories of Ayrton, Saunders & Co., was elected a member. The President reviewed the programme of the ensuing session, and referred to the fact that the new Lord Mayor of Liverpool is to be Mr. Max Muspratt. He said this because he (the President) was in hopes that the British Pharmaceutical Conference would hold its meeting in Liverpool in 1917. A private discussion on the prospects of a universal early-closing scheme under the Defence of the Realm Act followed. Mr. Mackinlay pointed out the anomalous position in which pharmacists often found themselves. He had to answer his night-bell in response to demands for such articles as eau de cologne for a woman with headache, a feeding-bottle for an all-night crying baby, and medicine for men on their way to sail in the early morning for a long voyage. A consideration of the proposed Federation of Lancashire Associations evoked many speeches. Mr. Moreton Parry pointed out the need of organising Lancashire and the rest of the northern counties especially, in order to place the North on equal terms with federated London. London could carry any resolution, and the northern counties had no chance to give effect to northern opinion. Dr. Symes recalled how, at a Leeds conference, it was suggested that the whole of the provinces should form one federation. Mr. Parry reported that a North-Western Federation and a Midland Federation were contemplated. Some members of the Pharmaceutical Council were quite pleased to hear what the provinces wanted. Mr. John Bain suggested that if all pharmacists were faithful to their cause, there would

be such a strong organisation as to make Federations needless. He thought this Association could not afford the levy proposed unless the subscription be raised. Mr. A. W. Asheroft (Aigburth) took it that the Association wanted strong representation on the Council. Surely that would be worth an extra sixpence per head? Mr. Clubb said the Federation would yield good value for the money. It would bring each local Association in connection with the central Association, and be the means of largely increasing the Pharmaceutical Society. The eight delegates, including the officials appointed at a previous meeting, were instructed to attend a Conference at Manchester on October 18.

London (County).—A meeting of the Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square, W.C., on October 17, Mr. A. H. Jenkin (President) in the chair. The Organisation Sub-Committee submitted their report which related to the co-ordination of subjects for discussion by each District Association and a scheme for the production of a price-list. The Committee agreed that one specially selected subject should be placed upon the monthly agenda of each District Association for discussion. In regard to the suggested price-list, it was decided to send a skeleton list to the Committee of each District Association for their consideration and detailed report. On the question of the supply of sugar to chemists, it was decided to forward a resolution to the Local Associations Executive for their consideration.

London (E.).—A meeting of the East London Pharmacists' Association was held at 17 Bloomsbury Square, W.C., on October 12, Mr. A. R. Keith (President) in the chair. Sympathy was expressed with Messrs. Hughes and Passmore, each of whom has lost a son in action. Mr. Woolcock (Secretary of the Pharmaceutical Society) outlined the terms proposed for Insurance dispensing for next year, and it was decided unanimously to accept them. Messrs. Hatfield and Keith reported on recent proceedings of the Pharmaceutical Service Sub-Committee (of the London Insurance Committee) and the London County Executive respectively. Some discussion took place on a proposition to adopt earlier closing of shops, and it was decided to consult with local doctors in regard to curtailing their hours of attendance to insured patients.

London (S.E.).—A sub-district meeting of the Greenwich Section of the South-East London Pharmacists' Association was held at Mr. Winzer's pharmacy on October 10, Mr. C. Happold in the chair. The new minimum prices for malt and cod-liver oil were fixed as ½ lb., 10½*d.*; 1 lb., 1*s.* 4½*d.*; 2 lb., 2*s.* 6*d.*; 4 lb., 4*s.* 6*d.* The question of adopting a minimum retail price-list in the area was discussed, but as the prices on the whole are not considered quite satisfactory, it was agreed to adopt the price-list as a guide only for the time being. The question of further reducing the hours of business was next considered, but, in view of the possibility of a Government compulsory closing order coming into force, it was agreed to let the hours remain as at present for the time being. The question of glycerin sales was considered, and it was unanimously agreed that the position is unfair, as no account was taken of stocks in hand.

London (W.).—A meeting of the Western Pharmacists' Association was held at the Restaurant Frascati, London, W., on October 12, Mr. W. Wilkinson (President) in the chair. The President referred to the loss pharmacy has sustained by the death of Mr. C. B. Allen, and the meeting passed a vote of sympathy and condolence with the relatives. The Secretary (Mr. W. E. D. Shirtliff) reported on the work of the Pharmaceutical Committee and the County Executive, and referred to the fact that a large number of chemists in the county still send in their accounts late. Mr. A. R. Melhuish informed the meeting that trade problems are being actively taken up in the interests of pharmacists throughout the county. Mr. E. T. Neathercoat, Vice-President of the Pharmaceutical Society, then addressed the meeting on the work of the Local Associations Executive and the proposed terms of pharmaceutical service for 1917. There followed a discussion, and it was evident that the members present were dissatisfied with the remuneration for Insurance dispensing, also with the irksome conditions imposed. The members were unanimously of the opinion that the dispensing-fees are totally inadequate. Mr. Neathercoat received a vote of thanks for his address.

Manchester.—The opening meeting of the session of the Manchester Pharmaceutical Association was held on October 11, Mr. W. Kirkby, M.Sc. (President), in the chair. There were nearly a hundred members and friends present. Mr. W. J. Uglow Woolcock, who was well received, spoke on topical pharmaceutical subjects. He referred first to his selection as a Parliamentary candidate who would be supported by the Pharmaceutical Society. Regarding the Register of Chemists and Druggists, he said he desired that this should be more complete than hitherto, and he asked that the Association would help him in securing its correctness as regards the Manchester district. Mr. Woolcock then referred to the Benevolent Fund, the scheme for dispensing for soldiers' and sailors' dependants, the "uplifting" of pharmacy, in which movement Mr. Kirkby had taken a prominent part; the herb-growing movement, which he said is now in the right hands; and the sale of cocaine. In the matter of the exemption of chemists from jury-service, Mr. Woolcock said that a more reasonable view has now been taken in this matter, no doubt owing to the more onerous work done by chemists and druggists of recent years. If any chemist and druggist is called upon to serve on a jury, he should write to Mr. Woolcock at once, who said that he would doubtless be able to procure exemption. Mention was next made of the increase that had been obtained in the establishment-charge, which means 60,000*l.* in the pocket of panel chemists. Mr. G. A. Mallinson then gave an account of the work of the checking bureau of which he is the head. Mr. F. W. Bates proposed a vote of thanks to Mr. Woolcock for his address, which was seconded by Mr. Simmonds (Salford). Mr. J. Rymer Young (Warrington), Councillor Percy Knott (Bolton), and Mr. Edmund Jones (Hanley) supported, and the resolution was carried unanimously. Five new members were elected.

Newcastle-upon-Tyne.—The annual meeting of the Newcastle-upon-Tyne Pharmacists' Association was held on October 11, the President (Mr. H. W. Noble) in the chair. The Secretary's and Treasurer's reports were received and adopted. A contribution of 5*l.* is to be sent to the Benevolent Fund. The following officers were elected for the ensuing year: *President*, Mr. J. F. Simpson; *Vice-Presidents*, Messrs. Noble and Gibson; *Treasurer*, Mr. Kerse; *Hon. Secretary*, Mr. S. W. Bowness; *Executive Council* (new members), Messrs. Denton, Nicholson, and Wright.

Portsmouth.—The monthly meeting of the Portsmouth Pharmacists' Association was held at the Town Hall on October 11, Mr. T. Postlethwaite presiding. A recommendation brought forward by the Pharmaceutical Committee that chemists should protect themselves by a proviso to Clause 9 of the drug contract, putting the onus of providing accurate medicine-bottles on the Food and Drugs inspector, was rejected, the majority favouring a policy of "lying low." A resolution was passed urging the inclusion, if possible, of chemists in any early-closing order which may be made in the future. The President acknowledged the generous contributions of the members towards the Association's scheme for entertaining wounded soldiers.

*** *We have also received reports of meetings of the Glamorgan, Hartlepools, Leeds, Oldham, and Salford Associations. These we shall deal with later.*

P.A.T.A Council-meeting.

The Council of the Proprietary Articles Trade Association met at the Frascati, Oxford Street, London, W., on October 12, Mr. H. W. Colley (President) in the chair. Also present were Messrs. P. F. Rowsell, S. Kutnow (S. Kutnow & Co., Ltd.), J. McCaig (Evans Sons Lescher & Webb, Ltd.), W. C. Birks (Raimes & Co.), W. Lane (Jas. Woolley, Sons & Co., Ltd.), G. R. Barclay (Barclay & Sons, Ltd.), J. Godber (Newton, Chambers & Co., Ltd.), J. G. Atkinson, W. L. Currie, Dr. A. J. Barnes, J. Keall, Dr. J. J. Pilley (Mellin's Food Co.), J. South (Steedman & Co.), S. N. Pickard, J. B. Francis, J. Milner, R. Feaver Clarke, A. Ridout (J. Grossmith, Son & Co.), F. R. Newbery and E. Pickering (F. Newbery & Sons, Ltd.), G. H. Burroughs (John Thompson, Ltd.), F. J. Smith (Sangers), H. Wippell Gadd (Evans, Gadd & Co., Ltd.), W. Edwards (W. Edwards & Son), A. R. Lewis (Whelpton & Son), H. M. Read (Hirst, Brooke & Hirst, Ltd.), and W. C. Stewart (May, Roberts & Co., Ltd.).

Mr. W. L. Currie and Mr. J. Milner, as new members, were welcomed by the President. A resolution of sympathy with the relatives of the late C. B. Allen was passed, and it was decided not to fill the vacancy at present.

Messrs. Melhuish, Keith, Atkins, Jenkins, Hearle, and Tocher were received as a deputation from the London County Pharmaceutical Association, which discussed (*a*) ways and means of increasing the membership of the P.A.T.A.; (*b*) appointment of active officials of the District Associations as Local Secretaries; (*c*) the attitude to be adopted towards firms who are not members of the P.A.T.A.

The discussion was adjourned until Tuesday, October 24, when the matters will be considered with the Retail Section of the Council.

The proprietors of Glaxo and Lactagol, having been written to by the Secretary in regard to the supply of their foods to Mothers' Aid Societies for sale to the public, objected to discussing the matter with a Committee and a representative of the appropriate Local Pharmaceutical Association. A former resolution was therefore rescinded, and the Secretary was instructed to communicate with the firms, stating that if the foods are supplied by them to organisations who sell them at lower prices, such transactions will be regarded as an infringement of the P.A.T.A. rules. The firms are to be asked to consult the Association with a view to meeting the difficulty.

It was decided to leave the question of the pricing of P.A.T.A. articles for National Health Insurance dispensing to be settled between the Executive Committee of the Local Associations Conference and the Insurance Commissioners. A report of investigations made as to the prices charged by various stores and others to the public for P.A.T.A. articles purchased in quantity was considered. Investigation showed, as the result of extended inquiries, that in only two cases was a lower price charged than the P.A.T.A. minimum. It was decided to call the attention of the trade to the fact that only in those cases where in the protected list a special price for quantities is quoted is it in order to sell at less than the P.A.T.A. minimum retail price.

The Secretary was empowered to arrange, upon application from Local Associations, for members of the Council to attend meetings of such bodies for discussion of P.A.T.A. matters.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1916, p. 365.

(*From the "Trade-marks Journal," October 4, 1916.*)

"The 'Chief' Brand," with picture of man's head ("The Chief" disclaimed); for chemicals (1). By W. H. Palmer & Co., Ltd., 82 Old Street, E.C. 373,688.

Device of bird's claw; for all goods (1 and 4). By Gunston, Sons & Co., 20 Water Street, Liverpool. 374,062/3.

"Discum," for chemicals (1); "Pakyderm," for electrical insulating preparations (50). By Griffiths Bros. & Co., London, Ltd., 29 Macks Road, Bermondsey, S.E. 374,680, 373,952.

"Embrostic"; for embrocation (2 and 3). By S. W. Tubbs, 42 Berners Street, W. 374,473, 373,835.

"Saniflush" and design; for a sanitary chemical preparation (2). By the Hygienic Products Co., 715 South Walnut Street, Canton, U.S.A. 373,554. (Associated.)

"Nikotex"; for an insecticide (2). By the Yalding Manufacturing Co., Ltd., near Hampstead Lane, Yalding. 374,498.

"Zoel"; for all goods for external use (3). By C. Billing, 85 Lancaster Road, W. 373,442.

"Formasan"; for medicinal chemicals (3). By Casein, Ltd., Sheepcote Lane, Battersea, S.W. 373,885.

"Genotherm"; for medicinal chemicals (3). By the Thermogène Co., Ltd., Queen's Road, Hayward's Heath, Sussex. 374,225. (Associated.)

"Heroba"; for medicines (3). By the Herbo-Hygiene Co., 43 Stephenson Street, Wolverhampton. 374,481.

"Cystasepsin"; for medicinal chemicals (3). By Southall Bros. & Barclay, Ltd., Birmingham. 374,519. (Associated.)

"Nita"; for electrical gas-lighters (8). By Ward & Goldstone, Springfield Lane, Salford, Manchester. 373,168.

"Ereka"; for electrical massage apparatus (11). By the Electro-Mechanical Vibrator Co., Queen Anne's Chambers, Westminster. 373,890.

"Artro," "Dorax," and "Sarox"; for photographic paper (39). By L. Gevaert & Co., 23 Sept Straat, Vieux-Dieux, Antwerp. 374,239/40/41.

"Vox"; for beverages (42) and for mineral waters, etc. (44). By A. J. Caley & Son, Ltd., Norwich. 374,203/4.

Device of candle; for goods (47). By J. Greyson, 41 Lower Mosley Street, Manchester. 371,114.

"Glyrosa"; for toilet-preparations (48). By H. Bibby, 17 Ladybarn Lane, Withington, Manchester. 373,512.

"Jasmol"; for a skin-preparation (48). By Cupal, Ltd., Blackburn. 373,958.

"Adrolised"; for perfumery, etc. (48). By Tokalon, Ltd., 212-214 Great Portland Street, W. 374,510. (Associated.)

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

42 Cannon Street, E.C., October 19, 5.30 p.m.

There is no improvement to report in business generally, trading being chiefly hand to mouth, and prices with a few exceptions favour buyers, especially in the fine chemical group. Citrates have been reduced 9*d.* per lb. in view of cheaper citric acid; vanillin and cream of tartar are easier. Sulphur, formaldehyde, and paraldehyde are dearer; acetate of potash is lower. Fixed oils, like coconut, colza, palm, and wood, are dearer; true almond and cod-liver oils are lower. French lavender oil and otto of rose are higher.

Higher	Firmer	Easier	Lower
Coconut oil	Anise oil, star	Aloes (Cape)	Almond oil, sweet
Coriander-seed	Canary-seed	Citric acid	Citrates
Cottonseed oil	Formaldehyde	Cream of tartar	Cloves
Fenugreek-seed	Lemon oil	Gentian	Colocynth-pulp
Lavender oil (Fr.)	Linseed oil	Kola	Ergot
Palm oil	Otto of rose	Mint oil (Jap. dement.)	Honey
Rape oil		Turpentine	Potash acetate
Sulphur			Senna pods (Tv.)
Wood oil (Ch.)			Vanillin

Cablegram.

New York, October 18.—Business is quiet. Guarana has advanced to $1.20 per lb. American saffron is lower at $1.20. Senega has advanced to 65c.; copaiba balsam is easier at 62½c., and cascara sagrada is steady at 7¾c. Opium, menthol, and peppermint oil are unchanged.

Acetic Acid.—There has been a marked revival in the demand since the prices were reduced to more reasonable levels; they are as given last week.

Almond Oil.—The English pressers have reduced their prices of ol. amygdalæ B.P. by 2*d.* per lb. to 2*s.* 6*d.* in cwt. lots, and smaller quantities to 2*s.* 7*d.*: bleached is also lower at 2*s.* 9*d.* Essential bitter from true almonds is unchanged at 45*s.*, and s.a.p. at 50*s.* per lb. *Peach* or *apricot-kernel* oil is unchanged at from 1*s.* 3*d.* to 1*s.* 4*d.* net, and 1*s.* 6*d.* net for bleached.

Alum remains scarce and difficult to buy, second-hands offering a limited quantity at from 22*l.* to 25*l.* per ton ex wharf London. The makers appear to sell to their regular consumers only, and do not invite fresh business.

Ammonia Sulphate.—Firm. Home trade price is 15*l.* 10*s.* for October-March delivery. Export prices are: London, prompt, 25-per-cent., 16*l.* 17*s.* 6*d.* per ton net, naked at works; Hull, 24-per-cent., 17*l.* 15*s.*; Liverpool, 18*l.*; Leith, 18*l.* 2*s.* 6*d.* spot and 18*l.* 7*s.* 6*d.* for January-June delivery, less 3½ per cent. in bags f.o.b.

Anise Oil (Star) is rather firmer on the spot at from 3*s.* 5*d.* to 3*s.* 5½*d.* per lb. for "Red Ship" brand, and at 3*s.* 3*d.* c.i.f. to arrive.

Aniseed.—The small supply of Spanish on the spot has been sold at 55*s.* up to 60*s.* per cwt.

Balsam Peru.—Spot holders ask 16*s.* 6*d.* per lb.

Benzaldehyde is offered at from 30*s.* to 32*s.* 6*d.* per lb. on the spot.

Bergamot Oil.—New crop for prompt shipment varies from 17*s.* to 20*s.* per lb. c.i.f. as to position.

Bleaching-powder.—It is reported that the Government may control the consumption of bleaching-powder shortly, and the sale would then be by permit only. The Government's requirements are large, and regular consumers are likely to find their supplies restricted as time goes on. Meanwhile limited quantities are offered by "outsiders" at 24*l.* to 25*l.* per ton, and these prices have been paid.

Bromides are unchanged, and in fair demand for spot parcels, which are getting into smaller compass.

Calcium Lactate of British manufacture is offered at 16*s.* per lb., and American at slightly less.

Canary-seed has been in better demand at rather higher prices, and the quotation is now 61*s.* to 62*s.* 6*d.* per quarter for ordinary to good Morocco.

Caraway-seed.—The export from Holland is still prohibited.

Chamomiles.—The high prices asked from the Continent preclude business for the present.

Cinchona.—The auction to be held at Amsterdam on November 3 will consist of 1,895 packages (1,124 bales and 771 cases) pharmaceutical bark, weighing 106,883 kilos. The first-hand stock of bark at Amsterdam on October 12 consisted of 6,477 packages Government and 39,820 packages, or 46,297 packages in all, including the first-hand supplies to be offered on November 2 and 3.

Citrates.—The makers have reduced their prices by 9*d.* per lb. Ferri et ammon. cit. and (or) sodium citrate is now 2*s.* 10*d.* for 28-lb. lots, the list-price being 2*s.* 11*d.* Potassium citrate is now 4*s.* 5*d.* for 28-lb. lots, the list-price being 4*s.* 6*d.* per lb.

Citric Acid is easy at from 2*s.* 7½*d.* to 2*s.* 8*d.*

Cloves are cheaper, Zanzibar offering at 6⅞*d.* per lb. on the spot, and January-March delivery at 6⅞*d.*

Coca-leaves.—At Amsterdam on November 3, 476 packages Java, weighing 28,152 kilos., will be offered at auction.

Cod-liver Oil.—Our Bergen correspondent writes on October 9 that finest Norwegian non-congealing oil is still quoted at about 550*s.* per barrel, but business is very limited. This is much above the London spot quotation, finest 1916 medicinal oil offering here at 470*s.* per barrel, and other quotations are from 480*s.* upwards.

Coriander-seed is dearer, with business in good Morocco on the spot at 33*s.* 6*d.* per cwt. and 31*s.* to 31*s.* 6*d.* c.i.f. terms on passage.

Cream of Tartar is the turn easier at 182*s.* 6*d.* per cwt. for 98-per-cent. powder.

Dill-seed has been sold at 25*s.* per cwt. for East Indian.

Fenugreek-seed is dearer at 25*s.* per cwt. for fair Morocco.

Gentian.—The spot values are from 80*s.* to 82*s.* 6*d.* per cwt., and to arrive from France 65*s.* to 67*s.* 6*d.* per cwt. c.i.f. London (plus war risk) is quoted. The latter works out at five guineas per cent., which adds about 3*s.* per cwt. to the cost. In the drug-auction 22 bales of ordinary lean, part chumpy and soft, were limited at 85*s.* per cwt.

Guaiacol Carbonate is offering at from 95*s.* to 100*s.* per lb. net to come forward.

Lavender Oil.—French, of new crop, has advanced 2fr. per kilo., which makes the value of finest worth about 16*s.* per lb. on the spot.

Lemon Oil is firm at from 4*s.* to 4*s.* 6*d.* per lb. c.i.f. for new crop, the spot values being from 3*s.* 9*d.* to 4*s.* per lb.

Lime Oil.—Further sales of West Indian distilled have been made in quantity, at 9*s.* per lb., and expressed at 11*s.*, but higher prices are now asked.

Menthol is quiet at from 12*s.* 4*d.* to 12*s.* 6*d.* per lb. for Kobayashi-Suzuki on the spot. In the drug-auction five cases of Suzuki brand were bought in at 12*s.* 6*d.*, and for 10 cases of Tase 12*s.* was the limit.

Mint Oil.—Japanese dementholised is quiet at 4*s.* 3*d.* per lb. for Kobayashi-Suzuki on the spot, and at 4*s.* 1½*d.* c.i.f. to arrive, which prices have been paid. The exports from Japan during July amounted to 27,287 kin. valued at 61,522 yen. During the seven months ended July 31 the exports were:

	1914	1915	1916
Kin	228.263	257 088	259 261
Yen	694,608	516.876	595.246

In the drug-auction five cases of Suzuki were limited at 4*s.* 3*d.*, and 10 cases of Tase brand were retired at 4*s.* 3*d.*

Morphine.—In view of the stringency in the opium market makers are unable to take fresh commitments, and hydrochloride-powder is nominal at from 13*s.* 3*d.* to 13*s.* 6*d.* per oz. net.

Oils (Fixed).—*Linseed* is dearer at 41*s.* 6*d.* per cwt. in pipes landed and 42*s.* in barrels. *Cottonseed* is dearer at 39*s.* 6*d.* for crude in pipes on spot, refined being nominal, and 49*s.* to 52*s.* for sweet refined in barrels. *Rape* is dearer; ordinary brown naked on spot is 46*s.*, British refined in barrels is 49*s.* to 51*s.*, and Japanese in cases is 44*s.* c.i.f. for October-November shipment. *Coconut* is dearer at 54*s.* 6*d.* for Ceylon in hogsheads on spot and 52*s.* in pipes. Cochin on spot is 55*s.* to 57*s.* 6*d.*, and London pressed is 46*s.* per cwt. Hankow *Wood* oil is 1*s.* 6*d.* higher at 55*s.* spot and 51*s.* 6*d.* c.i.f. *Soya* is 38*s.* 9*d.* c.i.f. on passage, Hull (spot) crushed is 42*s.* 6*d.*, and extracted 42*s.* Lagos *Palm* is dearer at 42*s.* on spot, and 37*s.* ex quay Liverpool.

Opium.—A very fair spot business has been done in Persian gum at up to 28*s.* per lb. for 10-per-cent., with further buyers thereat. It is anticipated that at the end of the month the London stock of Persian will approximate 500 cases only, as practically nothing of this description is coming forward, and the deliveries have been good.

Otto of Rose is not too plentiful and difficult to sell or export as regards Bulgarian, a guarantee being required that it must have been imported and paid for previous to the war. Values are from 40*s.* to 55*s.* per oz.

Paraldehyde is rather dearer at 11*s.* 6*d.* per lb. net.

Peppermint Oil.—American tin oil is quiet, importers quoting 10*s.* c.i.f., the spot values being from 10*s.* 3*d.* to 10*s.* 6*d.*

Phenacetin is offered at 95*s.* per lb. net on the spot, and slightly cheaper to come forward.

Phenazone is offered at from 38*s.* to 40*s.* per lb. net on the spot. It is difficult to get permits for export from France at the moment.

Phenolphthalein.—From consignments now on the way from 80*s.* to 85*s.* per lb. net is quoted.

Potash Acetate has been reduced by 6*d.* per lb., makers quoting 3*s.* 7*d.* for B.P. lump or granular in bulk.

Potash Permanganate.—The recent Government buying appears to have kept prices up, and prices are firm at from 7*s.* 6*d.* to 8*s.* per lb. In view of the prospect of manufacture in this country, prices should be easier later.

Potash Sulphoguaiacolate is offered at from 70*s.* to 75*s.* per lb. net from shipments coming forward.

Quillaia has been added to class "C" of the prohibited exports from the United Kingdom, which means that shipments are prohibited to all destinations in foreign countries in Europe and on the Mediterranean and Black Seas, other than France and French Possessions, Russia, Italy and Italian Possessions, and to all ports in any such foreign countries, and to all Russian Baltic ports. This is not likely to affect market values, the Liverpool quotation being 42*l.* per ton, and spot about 44*l.*

Quinine.—Export business is still good, but the home trade shows no speculative interest, and small lots can be bought at from 2*s.* 4*d.* to 2*s.* 5*d.* per oz.

Senega is offered on the spot at 3*s.* 2*d.* net, but is not plentiful; to arrive 3*s.* c.i.f. is quoted.

Shellac has been quiet but steady on spot, with sales of the usual standard TN Orange quality at 118*s.* to 119*s.*; fine Orange is quoted 140*s.* to 145*s.*, and A. C. Garnet 130*s.* Futures have been irregular but lower, sales including: December, 117*s.* to 121*s.* 6*d.* to 118*s.* 6*d.*; March, 121*s.* 6*d.* to 120*s.* 6*d.*

Sulphur is firmer at 18*l.* to 18*l.* 10*s.* per ton for Sicilian flowers, and 10*s.* less for *roll*, ex wharf London.

Turpentine shows a decline of about 4½*d.* per cwt. on balance, American closing at 44*s.* 3*d.* per cwt. on the spot.

Vanillin is rather cheaper at from 30*s.* to 31*s.* per lb. net.

London Drug-auctions.

Commercial Sale Rooms,
Mincing Lane, E.C., October 19.

A fair quantity of goods was offered, but very little was disposed of. Cape aloes was neglected and prices tended easier. Some new-crop Socotrine in kegs was held for full rates. Sumatra benzoin is quiet but steady. Cardamoms were practically not offered, owing to the inability to export. Colocynth pulp sold cheaply without reserve, ergot brought lower rates, and for Siam gamboge firm prices were paid. All descriptions of honey were quiet, and prices declined from 1*s.* to 2*s.* per cwt. Matto Grosso ipecac. is steady, and for sea-damaged easy rates were paid. Kola was a shade easier, a fair quantity being disposed of. Olibanum sold steadily, and for rhubarb the undertone still remain easy. Grey Jamaica sarsaparilla brought previous prices, otherwise there was little of interest in this article. Large quantities of Tinnevelly senna were offered, but only small sales were made at a reduction of fully 1*d.* per lb. Beeswax was full up. The following table shows the quantity of goods offered and sold:

	Offered	Sold		Offered	Sold
Aconite	10	0	Annatto-seed	21	0
Agar-agar	4	0	Areca	49	0
Ajowan-seed	66	0	Argol	8	8
Albumen	5	0	Balsam (Canada)	1	0
Aloes—			Balsam tolu	16	*4
Cape	112	18	Bay-leaves	187	0
Curaçao	13	4	Benzoin—		
Socotrine (kgs.)	46	0	Palembang	36	0
"Zanzibar"	16	*1	Siam	19	0
Anise, star	35	0	Sumatra	310	4
Annatto-paste	2	0	Boldo-leaves	20	20

* Sold privately.

	Offered	Sold
Buchu	32	0
Burgundy pitch (cwt.)	1	0
Calumba	260	0
Cannabis ind.	57	0
Cantharides	18	2
Cardamoms	67	0
Cascara sagrada	330	0
Cashew-nuts	60	0
Cassia fistula	9	9
Castor oil	50	0
Cinchona	14	0
Coca-leaves	4	0
Cochineal	42	0
Colocynth	75	53
Coltsfoot	9	0
Condurango	72	0
Copaiba	5	0
Croton-seed	17	0
Cubebs	20	0
Cumin-seed	28	0
Cuttlefish-bone	50	0
Dill-seed	199	0
Dragon's-blood	26	0
Elecampane	17	0
Elemi	65	0
Ergot	8	6
Euonymus-bark	48	0
Fennel-seed	56	0
Galbanum	10	0
Gamboge	15	1
Gentian	22	0
Guaiacum	10	0
Gum acacia	59	11
Gum accroides	120	0
Gum chicle	2	2
Hellebore	10	0
Honey—		
Cuban	308	5
Dominican	22	0
Haytian	166	30
Jamaica	608	142
San Domingo	65	0
Ipecacuanha—		
Cartagena	10	0
Matto Grosso	47	8
Jambul-seed	5	5
Kava-kava	23	0
Kino	13	0
Kola	167	69
Kousso	3	3
Lime-juice (pns.)	18	0

	Offered	Sold
Liquorice-root	118	5
Lobelia	11	0
Lycopodium .. bgs.	10	0
cwt.	10	0
Manna	5	0
Mastich	12	0
Menthol	15	0
Mint oil	15	0
Muscatels...(trays)	28	28
Musk-seed	1	0
Myrrh	16	1
Nux vomica	611	0
Olibanum	371	22
Orange-peel...tons	2	0
cs.	12	0
Origanum oil (dms.)	35	35
Pareira brava	8	*8
Piche herb	20	0
Podophyllum	10	0
Quince-seed	8	4
Rhatany	1	0
Rhubarb	89	15
Sandarac	5	0
Sarsaparilla—		
Grey Jam	32	6
Guayaquil	9	0
Mexican	54	0
Native Jam	15	2
Senna and pods—		
Alex. and Mecca	103	6
Tinnevelly	1708	290
Seedlac	23	0
Squill	8	0
Stavesacre	9	0
Soy	60	*60
Tamarinds (E.I.)	127	0
Tonka-beans	3	3
Tragacanth	34	0
Turmeric	711	0
Turpentine (Ven.)	1	0
Turtle (dried)	3	0
Valerian	15	0
Wax (bees')—		
Abyssinian	7	7
East African	235	102
East Indian	64	*7
Honolulu	3	3
Jamaica	20	5
Morocco	52	0
Spanish	8	0
Wax (Japan)	10	0
Wild-cherry bark	35	0

* Sold privately.

Aloes.—Only a small proportion of the Cape offered was sold at slightly easier prices, eight cases of Mossel Bay fair firsts on usual 20-per-cent. tares realising 40*s*. Five cases of fair seconds sold at 38*s*. and five cases ordinary seconds at 36*s*. per cwt. Of Socotrine aloes 46 kegs offered, partly new crop, the limit for these being 95*s*., and the quality good pasty liver. Of so-called Zanzibar aloes 16 cases offered, of which one had been sold privately. Of Curaçao aloes 13 bags offered, and four sold at 50*s*. for ordinary coarse dark livery.

Argol.—Eight cases of pinky Cape sold at 72*s*. 6*d*. per cwt.

Balsam Tolu.—Small sales ex catalogue parcels had been made privately, and for fair hard, partly slightly drossy, 1*s*. 6*d*. was wanted.

Benzoin.—Quiet. Two cases of good almondy Sumatra seconds, cross-cuts, sold at 8*l*. 2*s*. 6*d*. per cwt; a case of fair seconds, cross-cut, at 7*l*. 7*s*.; and a case of fair thirds, false packed sides, at 5*l*. 10*s*.

Boldo-leaves.—A lot of 20 bales sold at 1*s*. 6*d*. per lb.

Calumba.—For 13 bags of small to bold yellow sifted 55*s*. was wanted, and 92 bags of fair rather small sorts were bought in at from 47*s*. 6*d*. to 50*s*.

Cantharides.—Two cases of fair Chinese sold at 4*s*. per lb., being about steady.

Cassia Fistula.—Nine bags of bold, partly wormy and rattly, Dominican pod sold at 37*s*. per cwt.

Colocynth.—A parcel of 53 bales of pulp and powdered sold without reserve with all faults at from 5¾*d*. up to 7½*d*. per lb. for one lot, being cheap.

Cumin-seed is steady at 85*s*. per cwt. for good sifted Morocco. In auction 85*s*. was wanted for 28 bags, and a bid of 82*s*. 6*d*. was refused.

Ergot.—Six bags of partly wormy Spanish sold without reserve at 1*s*. 2*d*. per lb.

Gamboge.—A single case of good Siam slightly blocky pipe sold at the firm price of 25*l*. per cwt.

Gum Acacia.—Four bags of hard glassy Sudan (loose collected) sold at 51*s*. per cwt., and for four bags of sweepings 45*s*. was paid. Another lot of 48 bales of fair clean glassy Sudan sorts offered at 65*s*. per cwt.

Gum Chicle.—Two bags sold without reserve at 10½*d*.

Honey was slow of sale, and importers met the market to the extent of 1*s*. to 2*s*. per cwt. Pale to palish set Jamaica in barrels sold at 45*s*. 6*d*. to 46*s*. 6*d*.; fair to good brown set, 40*s*. to 44*s*.; and ordinary to fair brown set, 34*s*. to 37*s*.; dark brown liquid, 34*s*.; Cuban, pale set and setting, 40*s*.; Hayti, fair to good pale set, 40*s*. to 46*s*.; ordinary to fair brown set, 34*s*. to 37*s*. 6*d*.; Curaçao, fair to good red liquid in casks, 36*s*. to 38*s*.; and brown set St. Domingo, 40*s*. per cwt.

Ipecacuanha.—Quiet. The principal demand was supplied by the sale of 9 bales of slightly sea-damaged Matto Grosso, which sold at 9*s*. per lb., the quality otherwise being fair bright. For fair sound root 10*s*. was the limit, and for Cartagena 7*s*. was asked, at which sales had been made privately.

Jambul-seed.—Five cases of fair Bombay sold at 9*d*. per lb.

Kola tended easier, 69 bags of small to bold fair, slightly dark, Ceylon halves selling at 5¾*d*. subject, country and sea-damaged at from 4¾*d*. to 5¼*d*., and mouldy and wormy at 3*d*. per lb.

Kousso.—Three bags of ordinary stalky Egyptian sold at 2*s*. 7*d*. per lb.

Liquorice-root.—Five bales of undecorticated East India sea- and grease-damaged sold at 47*s*. per cwt.

Muscatels.—The drug-trade had an opportunity of showing their generosity at the auction, when 28 trays of extra choice Malaga muscatels were offered for the benefit of "Our Day" Fund and the "Daily Telegraph" Christmas Pudding Fund. The donors were Petersen & Co., of Malaga, and the selling brokers, Bowyer & Bartleet, who intimated that the entire proceeds will be sent to these Funds, which by this sale gains an amount of over 500*l*., and this was raised in about half-an-hour. The full results are given in to-day's (Friday's) "Daily Telegraph."

Myrrh.—A single bale of very small siftings sold at 32*s*. 6*d*. per cwt.; fair, part dark and slightly blocky, sorts were retired at 75*s*.; and for dusty red siftings a bid of 35*s*. is to be submitted.

Olibanum was steady, 22 barrels of fair drop selling at 77*s*. per cwt.

Origanum Oil.—A parcel of 35 drums from Cyprus of new import had been sold privately.

Pareira Brava.—Eight bags of genuine had been sold privately.

Quince-seed.—Four bags of fair Cape sold at 2*s*. 6*d*.

Rhubarb quiet and tending easier. In auction a single case of bold round Shensi, with three-quarter pale pinky and grey fracture, sold at 1*s*. 8*d*., and a case of bold flat ditto at 1*s*. 8*d*. without reserve. For four cases of medium to bold round horny High-dried 7½*d*. per lb. was paid without reserve, and a bid of 7½*d*. is to be submitted for a further six cases. A further nine cases of medium round horny High-dried, with three-quarter fair pinky fracture, sold without reserve at from 6½*d*. to 7½*d*. Flat High-dried was held for 1*s*. 4*d*.

Sarsaparilla.—Grey Jamaica was quiet but firm, six bales selling at 1*s*. 10*d*. for fair, and for a single bale of fair native red Jamaica 10*d*. per lb. was paid. A bid of 1*s*. 3*d*. per lb. is to be submitted for nine bales of Guayaquil.

Senna.—In view of the much larger offerings of Tinnevelly, prices declined fully 1*d*. per lb., while the demand was poor. For fair medium to good bold greenish from 5¾*d*. to 7½*d*. was paid; medium to fair greenish, 4¼*d*. to 5½*d*.; and inferior damaged to ordinary yellowish leaf, 2½*d*. to 4*d*. per lb. *Pods*, dark to fair, 7½*d*. to 9*d*. Six bales common broken Mecca leaf sold at 5½*d*. to 6*d*. per lb.

Tonka-beans.—Three packages of ordinary to fair reddish and black Para sold at 1*s*. per lb.

Wax, Bees', is very firm. A string of 49 bales East African sold at 7*l*. 17*s*. 6*d*. for fair, part drossy, and dark block, and for a further 53 bales from Portuguese East Africa from 7*l*. 15*s*. to 8*l*. 1*s*. 3*d*. was paid for fair to good part slightly drossy. Three boxes of fair yellow Honolulu sold at 8*l*. 5*s*., and for five boxes of common dark brown Jamaica 7*l*. 15*s*. was paid. Red and brown ditto was limited at 8*l*. 5*s*. A lot of seven bales of inferior Abyssinian sold at 6*l*. 5*s*. per cwt.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Insurance Dispensing: 1917 Arrangements.

Sir,—My business was one of those examined as to figures on behalf of Mr. Roberts, M.P. The whole of the assumptions neglect the fact that the owner's services are free, because our figures are prepared for the Inland Revenue, which excludes owner's wages. My four years gave the following figures:

Year	Scripts	Valued at	Discounted	Average Price per Script
		£	£	
1913	10,443	370	5	8½d.
1914	11,300	450	68	9½d.
1915	10,324	330	100	7½d.
1916*	10,000	280†	None expected	6½d.

* Estimated from 10 months actual. † Less £7 for checking.

1914.—Scripts were too many; too lavish; too dear; due to wasteful scripts, absence of stock mixtures, and presence of unchecked malingering. Prices of drugs were low before war effects.

1915.—Scripts nearly as many; but presence of big numbers of harmless cheap malingerers' dope accounted for the drop in value (120*l.* less than 1914). (Some of that 100*l.* discount will be paid us.)

1916.—Nearly all stock mixtures. Ointments cut down to 1 oz.; surgical wools, etc., curtailed, and no fee thereon. If in 1914 we had used stock mixtures of the best class and done away with wasteful scripts we should have been paid in full. Looking at the matter broadly, I may point out that if I had to pay an assistant 156*l.* a year my losses would be fearful. As it stands, I have given the State good medicine and good service, but the scale of remuneration is inadequate. Yours truly,

J. D. M. (105/39.)

Sir,—If the proposal "that Mr. W. J. Uglow Woolcock should seek to represent chemists' interests in Parliament" in place of Mr. Glyn-Jones (about to resign) be persisted in, I do not think that we can ask him to put his cards on the table at too early a moment. Are we to presume that it was in the interests of chemists that the "heads they won, tails we lost" clause was included in the first N.H.I. contract? That the no profits on drugs, stock mixtures, and reduced dispensing-fees have been included in succeeding contracts? That this percentage deduction for the checking of chemists' accounts has been introduced? That the first and succeeding contracts for N.H.I. have been introduced at such a time as to prevent adequate discussion, and thereby concerted action, on the part of those concerned? If so, the most obvious comment is "Opinions differ." I cannot but come to the conclusion that Mr. Woolcock was more than ordinarily concerned in these "interests"—probably more than the average member of the Pharmaceutical Council; and it seems to me that the interests of chemists were quite a secondary consideration—quite secondary to the personal interests of Mr. Woolcock. If chemists as a body have no control over the Pharmaceutical Society (and I see no evidence of any), which has thus fettered our N.H.I. interests, it does not seem to be a wise proceeding to add another heavy link to the chain. We will not judge, however, before hearing the defence. I may be all wrong, but then I am not built on the lines of an astute politician, being only a simple-minded

Panel Chemist. (103/31.)

Sir,—On studying the new terms recommended for our acceptance, it seems worth while to make one or two observations. It is wrong to look a gift-horse in the mouth, but in this case the gift is so peculiar that we may be excused from seeming wrong-doing. Apparently, arguments were concentrated on the establishment-charge, and hopes were built on figures presented at the Conference in May, justifying an expectation of 1.25*d.* I am told it came as no surprise that the hopes built thereon vanished into thin air before the first breath of the Commissioners, as the figures would not stand critical examination by experts. But there was another point in the resolution accepted by the Conference at the suggestion of the Executive, which stated:

"That negotiations be entered into with the Commissioners with the object of increasing the remuneration by an increase in dispensing-fees and establishment-charge," etc.

We do not hear anything about the dispensing-fees; perhaps they were swamped by the "mathematical fallacies" so ruthlessly exposed. The sheet-anchor now appears to have been "war conditions," and not the determination of chemists to have "adequate remuneration." The loss on a cost-price Tariff and decimal pricing is greater than most people imagine, and that determination to be remunerated fairly was based on a sound foundation. Mr. Roberts admits nothing but exceptional circumstances, and the way he makes his concession tends to strengthen his position. "In consideration of our undertaking a continuance of the supply of drugs and appliances at increased cost to the contractor," he gives us 0.3*d.* I should have thought it was only fair to have covered that increase of cost as a principle of justice; certainly it is our right. But the gem is the gift of 0.3*d.* for 1916, only retrospective if you continue on the panel, which, if it is fairly apportioned, means going through nine months' accumulation of prescriptions at enormous cost and disturbance to the pricing establishments just when they were keeping to the agreement of prompt payment. We are told it is a gift of 30,000*l.*, which must surely be unique from the Treasury Department. But it is fairly easy to see how they can afford to be generous. The authorities in one area inform me that since they were always paid in full, the net loss to them in profit this year is estimated to be 3,000*l.*, and the return from the 0.3*d.* will be less than 1,000*l.*, which will largely disappear when stock mixtures come into constant use. It would appear that the "act of grace" is being claimed by the wrong party. I suppose we shall go on because "we are in a cleft stick," as someone said the other day. I suggest that we go on with our eyes open, and not glowed into enthusiasm because we are told another 60,000*l.* has been won for chemists by our leaders. It would not be a bad idea for the Committees who are sending out the ballot-papers to send out also your analysis of what our Scottish friends have won in comparison with ourselves; at least it would save a recrudescence of more heartburning when the full significance of the present concessions dawns upon the electorate.

Yours faithfully,

A Dispensing Chemist. (103/69.)

[It is well to keep in mind that Mr. Roberts has denied in London the equivalent of what he has agreed to in Edinburgh.—Editor *C. & D.*].

A Practical Panel Chemist (106/29) says: "Now is your time, or never. The umbrella has been taken off. Do not allow any M.P. to again call the chemists fools for signing such a contract as they did in 1913, and do not allow another M.P. to treat you as fools, through the instrumentality of your own officials, this ultimately proving that the first M.P. was correct. Do not be bluffed again by your own officials, who may possibly tell you they have got the Commissioners to make one or two concessions from the proposed terms; depend upon it they will only be minor concessions. The point we must insist upon having is fair pay for our labour. Be united: off panel to a man, is the only remedy; and by hook or by crook it should be made known to the Government. The only remedy is reconstruction and redistribution of the Insurance capital. Chemists, accept nothing under a 3*d.* dispensing-fee for 8-oz. bottles (only); drugs, lint, etc., 25 per cent. profit on cost (bottles unreturnable); no Rep. mist.; no Sale of Food and Drugs Acts."

"Unauthorised and Incorrect."

Sir,—Our attention has been called to a paragraph that appeared in the "Daily Mail" on October 12, in which the name of our company was given in connection with information as to the prices of certain drugs. We desire to state that no interview between a representative of our company and that of the "Daily Mail" took place, as might be concluded from the paragraph in question, nor, after careful inquiry, can we find that any member of our staff gave any information on the subject. As far as our company is concerned the information which appeared in the "Daily Mail" is entirely unauthorised and incorrect.

Yours faithfully,

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Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

The Gold-ring Trouble.

"My experience of ring troubles is that a shred of soap gets under the ring when the hands are washed and sets up irritation."—*W. Miles Bramley.*

Replying to "T. S." (*C. & D.*, October 14, p. 51), a Bolton subscriber (104/25) says, "Deposits of soap under the ring cause the skin to peel. Slip ring half-way down the finger, and dry thoroughly after washing."

"The paragraph in your last issue seemed to me so worthy of attention that I copied the short letter and sent it to a jeweller friend in Birmingham. He replies as follows: 'I should think the lady with the ring has eczema, and the ring scratching or rubbing a bit caused it to break out at the spot. I cannot believe that even 9 ct. (9-carat gold) could hurt a really healthy skin.' I may add that as the manufacture of gold alloys is controlled by an authoritative body, it seems unlikely that there should be any difference between gold of the same standard quality made now and before the war."—*F. J. R. Carulla* (Derby).

Wound-packing.

R.A.M.C. Dispenser writes (96/69): "The following is being used extensively in this military hospital as a wound-packing with wonderful results:

Bismuth carb.	1 part
Iodoform	2 parts
Liquid paraffin	sufficient to form a smooth stiff paste.

This is packed into the wound, which is afterwards tightly dressed and left for from four to six days. Eusol and hypertonic saline solution are also extensively used."

Appreciations.

"I have always found your journal very useful and of great interest apart from its strictly trade information."—(75/23).

"The *C. & D.* teems with interest from cover to cover. I never read a copy of same without learning something of interest and benefit each week." So writes a Hampstead subscriber (223/6) in renewing for another year.

"I have been more than repaid, during the past twelve months for the subscription by replies that I have received through advertisement in your columns, besides which I have had information and pleasure from reading its contents, in addition to the use of the *Diary*."—*F. J. H.* (216/9).

Legal and Miscellaneous Inquiries.

Manchester (106/2) puts the following question: "Is it permissible to sell a proprietary containing glycerin? The glycerin was in stock previous to the restriction. Also may the restricted glycerin be supplied to a Nursing Home without prescription? It is required too frequently to trouble with prescription each time." [Up to the present the Ministry of Munitions has not interfered with the distribution of glycerin which was purchased and in stock before the restrictions, but a closer view is now taken (see p. 44). If stocked glycerin is restricted the same as glycerin purchased recently, it cannot be disposed of in the manner mentioned.]

A. W. C. (73/18).—Neutralising Harmful Effects of Tobacco-smoke.—There have been numerous suggestions for rendering tobacco-smoke less harmful when inhaled from pipes or cigarettes. These have generally been directed to absorbing the products of the destructive distillation of the tobacco—tarry matter, including nicotine. Wads of absorbent paper, filtering or blotting paper, are, in one system, placed in a chamber in the stem of the pipe. Cotton-wool could be used in place of paper, but would need to be loosely packed or smoking would be rendered difficult. In regard to chemical methods, it has been suggested to impregnate the filtering-medium with borax, alum, or tannic acid, with a view to effecting a stable combination with the nicotine. There is, however, the undecided question as to whether the harmful effects of tobacco-smoke are due to the nicotine alone. The "Lancet" investigation fixed the trouble on the furfural in the smoke. If this is accepted it seems likely that passing the smoke through a fixed caustic alkali would be helpful in decomposing the furfural. We should think, however, that a "chemical" smoke as foreshadowed by the above suggestions would rob the habit of much of its seductiveness.

W. B. (99/48).—Tinct. Pyrethri Co.—There is no recognised formula for this preparation, but it is the name given on shop-rounds to toothache-essence prepared from formulæ such as the following:

I.		II.	
Tinct. pyrethri,		Ol. caryoph. ...	... ʒss.
Tinct. capsici,		Chlorof. camph.	... ʒss.
Tinct. myrrhæ,		Tinct. pyrethri	... ʒj.
Sp. camp. ...	aa. partes æquales	Misce.	

We have also known the name to be applied to a tincture of pyrethrum-flowers intended for evaporation by heat to rid a room of mosquitos.

G. F. L. (94/67).—Local Dental Anæsthetic.—"G. F. L." asks our opinion as to the suitability of the following solution for use in tooth-extraction:

Beta-eucaine hydrochlor. ...	gr. iv.
Sodii chlor. pur.	gr. iv.
Chloretone (P., D. & Co.) ...	gr. ij.
Adrenalin (1-1,000)	♏xv.
Aq. steriliz. ad	ʒj.

[We think it will be found that the proportion of eucaine is too small considering the quantity employed for each injection. The point could, however, only be settled by a practical trial. Ten minutes should be allowed for the anæsthesia to be produced before making the extraction.]

J. M. (97/61).—Luminous Watch-dials.—It is zinc sulphide energised with radium that is employed for rendering watch-dials luminous in the dark. The details as to the strength of self-luminous paints were last given in the *C. & D.*, June 17, p. 45.

J. J. W. (94/32).—Registered Formulæ.—The following are the recipes for which you ask:

Sprain and Rheumatic Embrocation.

Ac. acetic.	ʒxlv.
Ol. cajuputi	ʒij.
Ol. thymi	ʒij.
Ol. tereb.	ʒxlv.
Ovi	xvij.
Aq. dest. q.s. ad ...	℥clxiv.

Cough-syrup for Children.

Glycerini	ʒj.
Vin. ipecac. ...	ʒj.
Syr. papav. rub. ...	ʒiv.
Ac. citrici	gr. x.
Aq. rosæ	♏xxx.
Tinct. limonis ...	ʒj.
Aq. dest. ad ...	ʒj.

Pectoral Linseed Balsam.

Ol. anisi	1 part
Tinct. tolut. ...	60 parts
Tinct. senegæ ...	60 parts
Tinct. scillæ ...	60 parts
Sp. chlorof. ...	30 parts
Oxymel.	120 parts
Ext. glycyrrh. liq.	15 parts
Inf. lini	14 parts

H. C. R. (102/64).—Studying Bacteriology.—With Hewlett's "Manual of Bacteriology" (Churchill, 12*s.*) and Cross and Cole's "Modern Microscopy" (Baillière, Tindall & Cox, 6*s.*) as books, and a student's microscope, you should have no difficulty in picking up a good working knowledge of bacteriology.

A. U. (101/49).—We do not know the pomade to which you refer.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," October 15, 1866.

Methylated Medicines for External Use.

The following correspondence will remove all doubt respecting the legality of using methylated spirit in the preparation of liniments and lotions that are not capable of being used as beverages or internal remedies:

Adam Young, Esq.

Sir,—I beg to acknowledge the receipt of your communication giving the reply of the Board to my letter of the 30th ult. The explanation that it is illegal either to use or have in possession medicines prepared with methylated spirit which may be used as an internal medicine is distinctly set forth; but it would be desirable if the Board would give their decision whether methylated spirit may be used *for external* purposes or not.

I am, Sir, yours obediently.

London, Sept. 13th, 1866. John Wade.

Sir,—Having laid before the Board your letter of the 13th inst., I am directed to state that methylated spirit may be used in the preparation of medicines for external use, and such medicines may be kept in stock, provided in both cases they are not capable of being used either wholly or partially as a beverage or internally as a medicine.

I am, Sir, your obedient servant,

Wm. Corbett.

Inland Revenue, Somerset House, London, W.C., Sept. 22nd, 1866.

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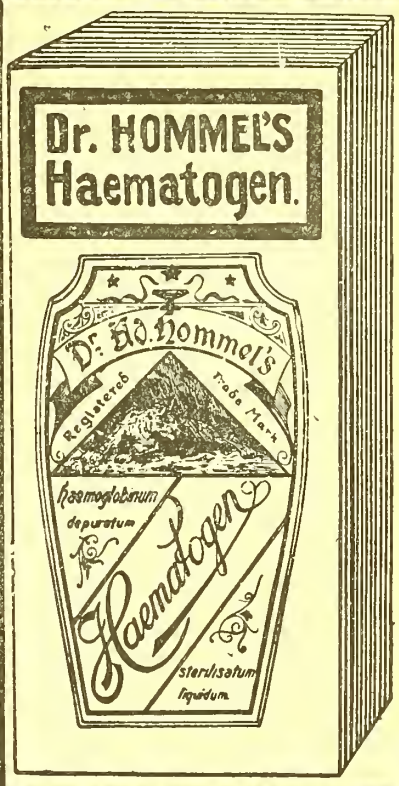

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THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, OCTOBER 21, 1916.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.** Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done **PROVIDED the MONEY is TELEGRAPHED** at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

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13.—WILTS.—Retail and Dispensing, with Wines and Spirits; established many years, and held by vendor about 28; returns last year £1,562; good-sized house, with garden attached; terms, goodwill £50, stock and fixtures by valuation.

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ESTABLISHED OVER HALF A CENTURY.
Telegraphic Address: "Tomtom."

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—WEST OF ENGLAND.—Old-established, good-class Country Retail, with Mineral Waters; returns over £4,000, at good profit; splendid position; market town; fine premises; owner retiring; price £2,700; splendid chance for two smart men.

2.—BANKS OF THAMES (Death Vacancy).—Good-class Chemist's Business, with Optics; returns last year over £1,850; good profits; attractive, well-fitted shop, fine position, and fully stocked; scope for increase; price about £1,000, bare valuation.

3.—SOUTH COAST.—First-class Retail and Dispensing Business, with scope for large increase; commanding position; low rent; elegant fittings and good stock; owner retiring through old age; valuation only required, £700 to £800; fine opportunity for a smart Pharmacist; personally inspected and recommended.

4.—CARDIFF.—Good middle-class Cash Retail; increasing returns over £1,400; net profit about £400; large house and garden; heavily stocked shop; main-road position; valuation only required, about £800.

5.—SUSSEX COAST.—Well-established Light Retail, Dispensing, and Prescribing Business in rising seaside resort; returns about £650; good profits; splendid house; attractive Pharmacy; price only £250; worth attention.

6.—LONDON, N.W.—Good-class Family Retail, no Photo or Optics; same hands many years, retiring; returns about £1,150; good profits; splendid stock; pleasant locality; price £700 or offer.

7.—LONDON, N.—Good middle-class suburban Retail; pleasantly situated; same hands 16 years; returns £850; attractive shop; good stock; price £300 or valuation; personally inspected and recommended.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application.

Why you should have stock taken is very clearly defined on page 135 of the *C. & D. Diary* for this year. Have you read it?

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ASTON, Birmingham. — Genuine Business for immediate Disposal; large lock-up shop; industrial neighbourhood; best position; cash £225. R. Fleming, 148a Lichfield Road, Aston, Birmingham.

BLACKPOOL.—Drug Store for Disposal in thickly populated district; without opposition; prominent corner position; splendid opening for qualified man; returns £700; price about £300. Apply, 225/32, Office of this Paper.

DEVONSHIRE (a Few Miles from the Coast on Main Line).—Progressive Business for Disposal on medical advice; up-to-date fittings; central position; easily worked; short hours; growing market town and centre; present rate £1,000; good opportunity to acquire a genuine business; no agents. "Devonshire" (227/39), Office of this Paper.

NORTH DEVON.—For immediate Sale, good-class Chemist's Business, with exceptional opening for Dentistry and Optics; no resident Dentist within fifteen miles; beautifully fitted shop; stock in good order; low rent; excellent lease; the whole to be sold very cheaply for cash; owner serving in the Army. Apply, 108/70, Office of this Paper.

SOUTH COAST.—Unopposed Business in populous district; returns about £550, at good profits; nicely fitted and well stocked; man with small capital could do well; price £175, or nearest cash offer. "G.," c/o 58 St. Mary's Terrace, Hastings.

SOUTH WALES.—Advertiser will have for Disposal at the end of this year his small Cash Retail Business, situated in colliery district; returns about £1,200; good net profits; every investigation courted to bona-fide prospective purchasers. Apply, 228/1, Office of this Paper.

WESTBOURNE, Bournemouth.—Old-established Chemist's Business for Sale; a bargain; exceptional opportunity. Apply, Curtis & Son, Auctioneers, 158 Old Christchurch Road, Bournemouth.

BRANCH Business (old-established Country Retail); owner unable to give necessary attention; offers fixtures, fittings, and small stock at great sacrifice to quick buyer; large, handsomely-fitted shop; plenty of scope for good turnover; splendid opening for Dentistry; house and garden attached; rent £35; accept £85. 228/6, Office of this Paper.

BUSINESS for Sale, been neglected on account of ill-health; stock and fittings only; good opportunity. 107/69, Office of this Paper.

CHEMIST.—Death vacancy.—Fittings considerably less than cost; rent very low; by letter only first place; splendid chance for a beginner with no capital. Smellie, 7 Clifton Drive, Westcliff-on-Sea.

CHEMIST'S Business for Sale in Liverpool district, populous neighbourhood; turnover averages £760 per annum; good living accommodation; an excellent opportunity to secure a sound business; reason for sale, ill-health; rent £33 per annum and taxes; established 20 years. Full particulars from Parkin S. Booth, F.A.A., 2 Bixteth Street, Liverpool.

FOR Immediate Disposal.—Cash Retail and Dispensing Business, in main thoroughfare of busy and rapidly growing Northern manufacturing town; returns last year £1,200; new fittings; fine front; large and convenient house, with h. and c. water throughout; good garden; price £700; only bona-fide purchasers need apply. "Chemicus" (229/5), Office of this Paper.

GENUINE, old-established, Mixed Country Retail, South-East Midlands; returns exceed £800; net profit £200; in same hands over 40 years; nearest opposition six miles; nicely fitted shop; large, comfortable residence, private entrance, bath-room, garden; rent £25; price £350 or near offer. 228/60, Office of this Paper.

SPLENDID chance to acquire thriving business in town in Kent, population over 4,000; no opposition whatever; low price for quick sale, part purchase can remain. Apply, 229/280, Office of this Paper.

N.H.I. Dispensary for Sale; average 1,500 per month; stock and fixtures worth £100; price £80. Apply, 344 Mare Street, Hackney.

TO be Sold.—Old-established Business, situated in thickly populated part of Southall; stock, etc., £30; low rent. Apply, G. Gosney, Hill House, Southall.

£135 WILL secure a good increasing Business, stock and fittings, etc., in main road, Southend-on-Sea; central position; trade returns £650; rent £52; rates and taxes £14; owner called up; must be sold immediately. Gower's Cash Drug Stores and Herbalist, 25 Southchurch Road, Southend-on-Sea, Essex.

BUSINESSES WANTED.

WANTED at once, good-class Light Cash Retail, with a little N.H.I. Dispensing and good turnover; Yorkshire or London Western suburb preferred; moderate rent and nice living accommodation essential; prompt cash payment for suitable concern. 218/10, Office of this Paper.

FINANCIAL.

GENTLEMAN having capital for investment would be pleased to correspond with Wholesale Druggists with a view to taking an interest in the concern; capital ample for any reasonable requirements; active co-operation in control if desired, advertiser being an experienced Chemist and Druggist. "Alpha" (226/50), Office of this Paper.

MAIL ORDER.—Advertiser, keen and experienced business man, having given close study to the question for several years, has prepared a complete scheme for a Toilet Speciality Mail Order business in Packed Goods of continuous demand. Light but careful, regular, daily attention is essential to its successful conduct, and at the last moment Advertiser finds himself obliged to travel frequently and extensively abroad in other interests. To a really serious and reliable party he is, therefore, open to dispose of the executive part of the enterprise on terms of a nominal cash payment and a one-half interest in the profits; registered trade marks have been obtained, supplies of everything necessary are ready, and, properly conducted, the business should prove exceedingly profitable and should ensure a large permanent income to each side; letters from principals only will be considered, and will be treated in strict confidence; particulars of age, position, and experience should be given, and the time and sum that principal has available should be stated. Address 229/12, Office of this Paper.

AGENCIES.

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A WHOLESALE firm of Chemists and Perfumers having several Travellers with live connection, require French or Italian Agency for Essential Oils and Perfumes. "Oleum" (229/7), Office of this Paper.

AGENCIES Wanted.—A firm of Wholesale Druggists, Sundriesmen, Chemicals, etc., having a large connection amongst all Wholesale and Retail Druggists in Canada, and having very spacious premises, are open for Agencies connected with these Lines; highest references. Write, Sterling Chemical Co., 312 St. Urbain Street, Montreal, Canada.

ESTABLISHED Australian House trading with Australasia and the Far East is open to accept the Sole Agency and Representation of first-class Manufacturers of Fancy Soaps, Toilet Novelties, Essential Oils, Perfumery, etc.; would be prepared to consider applications from young progressive firm. Apply, 215/37, Office of this Paper.

FRENCH and English Chemists, doing a good Wholesale and Retail business in Chile, S.A., are open to take up exclusive Agencies; keep your trade out of German hands; references, Evans Sons Lescher & Webb, Ltd. Address, Mahuzier Succesores, P.O. Box 265, Concepcion, Chile, S.A.

TO LET.

NORTH-EAST COAST.—Shop and good house to Let early next year; best position in town; occupied by Chemist over 40 years. Apply, "Ilex," c/o John Ismay & Sons, Manufacturing Chemists, Newcastle-on-Tyne.

FOR SALE.

SMALL National Cash Till for Sale; only a few months old; good reason for selling; low price. Write, F. Stone, 82 Fort Road, Bermondsey, S.E.

GLOBE Whisk Emulsifier (on cast-iron stand); 21 in. by 15 in. diameter; hot-water base; fast and loose pulleys; two gear; nearly new. Comet Chemical Co., Ltd., 46-48 Victoria Buildings, Manchester.

NEARLY 6 gross 15 per cent. Carbolic Disinfecting Powder, in 8 by 4 Perforated Lid Tins (1s. size) for clearance; room wanted; low price accepted; your own name printed on label if desired. Maurice Smith & Co., Kidderminster.

GARDNER'S size D patent Rapid Sifter, on iron stand, Brush, Sieve, Pillar and Chain Drive and Flywheel complete. (2 extra sieves); nearly new: cost £26; accept £17 10s. Pannett & Neden, Stewarts Road, London, S.W.

LEGAL.

NOTICE.

IN an Action recently pending in the Chancery Division of the High Court of Justice between Pierre Boucard of 112 Rue La Boëtie, Paris, Plaintiff, and Georges Marius Roure sued as Georges Marius Bresillon of Gamage Building, Holborn, E.C., Defendant, the Court on the 20th day of July 1916 ordered that the Defendant his servants and Agents be perpetually restrained from selling or offering for sale or disposing of Lacteol not being Manufactured by or for the Plaintiff in boxes similar to those in which the Lacteol manufactured by or for the Plaintiff is sold and from passing off as the Plaintiff's preparation any goods not prepared by or for the Plaintiff, and from using the word "Lacteol," and from infringing the Plaintiff's trade mark.

Dated this first day of October, 1916.

G. & G. KEITH,
18 Southampton Street,
Holborn, W.C.,
Solicitors for Dr. Pierre Boucard.

PARTNERSHIPS.

PHARMACIENNE désire utiliser son diplôme, accepterait gérance d'un dépôt de produits pharmaceutiques anglais à Paris, ou légitimerait l'établissement d'un pharmacien anglais à Paris. Madame Pezeu, 6 rue de Poissy, Paris, Ve.

QUALIFIED, with about £500 capital; good opportunity for man with initiative and enterprise. Apply, 229/28, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

RETAIL.

BATH.—Mr. Griffin, Saville Row, has an early vacancy for a Junior Assistant; indoors; easy hours; time for study; ineligible for military service; close to College.

BIRMINGHAM.—Assistant, unqualified; accurate Dispenser and obliging at Counter; good salary and hours. Apply, with full particulars, General Manager, Hedges (Chemists), Ltd., Dale End.

BIRMINGHAM.—Pharmacist, about 30, required as Manager in good-class suburban Branch; energetic and of good address; knowledge of Optics and Photography; references must bear strict investigation. Full particulars as to salary, etc., married or single, 227/33, Office of this Paper.

BRIGHTON.—Manager, about 45, absolutely reliable, competent for such a really good berth with prospects, is open succession or partnership in thoroughly sound, profitable business; entertained after satisfactory trial; big capital not necessary; salary, commission, house. State full details, any Branch Lines, salary, send photo, "Control" (221/5), Office of this Paper.

BURSLEM.—Assistant, ineligible for military service, for Country Wholesale and Retail; outdoors; single; short hours; must be a good Salesman. State age, height, and experience, with references and salary required, Thos. Leicester, Chemist, Burslem.

CARDIFF.—Wanted, smart, qualified Assistant, exempt from military service, easy hours, for Light Cash Retail business, arrangement could be made for married man to live on premises. Kindly state salary required, age, experience, with photo, which will be returned, to Robinson, Chemist, 134 Whitchurch Road, Cardiff.

CARDIFF.—Wanted, unqualified Assistant for good-class Light Retail business; outdoors; easy hours; good salary to suitable man; ineligible for military service; or a Junior entertained. J. B. Thomas, Pharmacist, 38 Wellfield Road, Roath Park, Cardiff.

CARLISLE.—Wanted, qualified Manager for Branch, ineligible for military service, good-class Retail, N.H.I., and Surgical Appliance trade. Give full particulars as to age, experience, references, etc., and state salary required, to Ridley & Son, Carlisle.

DONCASTER.—Assistant (unqualified), ineligible, married or single, outdoors, one desiring permanency, for Light Retail and Dispensing; small N.H.I.; easy hours, 8 to 6, Thursdays 1, Friday 8, Saturday 8; no Sunday duty. State age, height, references, and salary required, to Hodgson & Hepworth, Ltd., Doncaster.

GLOUCESTER.—Assistant required, with good experience, high-class Dispensing and Light Retail. State age, experience, references, and salary required, A. J. Spearing, 52 Barton Street, Gloucester.

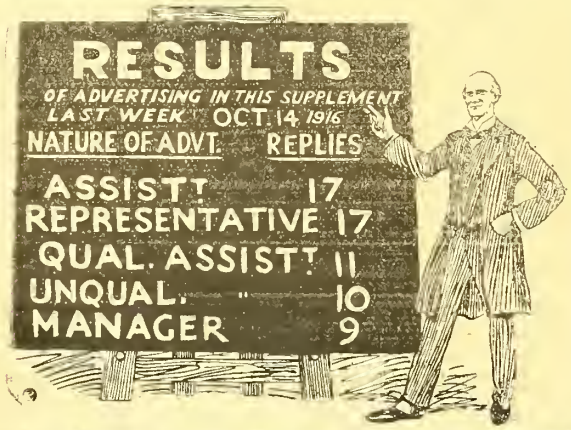
HAMPSTEAD HEATH (Near).—Wanted, Junior Assistant for Dispensing business, with some Pharmacy experience, lady or gentleman; time for study given if required. Kindly apply by letter, to Herbert Williams, Dispensing Chemist, 31 Heath Street, Hampstead, N.W.

LIVERPOOL.—Qualified Chemist wanted; comfortable berth and good hours. Apply, "Cascara," c/o Sumner & Co., Wholesale Chemists, Hanover Street, Liverpool.

LIVERPOOL.—Wanted, an elderly qualified man; light duties. Apply, "Firmus," c/o Ayrton & Saunders, Ltd., 34 Hanover Street, Liverpool.

LIVERPOOL, Suburb.—Assistant; outdoors; good-class Dispensing business; must be experienced; alternate Sunday duty; half-day weekly. Usual particulars (with photo if possible) to M. & R., 127a St. John's Road, Waterloo, Liverpool.

LONDON.—Wanted, good outdoor Assistant, with experience; qualified or unqualified; hours 8.30-9, one Sunday evening in three; one clear day a week. Apply, H. T. Hines, 86 High Street, Whitechapel.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

LONDON, E.—Young lady Assistant required for modern Chemists' business; one who has had good Counter experience preferred; permanency with good salary. "East" (226/5), Office of this Paper.

LONDON, N.—Qualified Manager; outdoors. "Lux" (227/29), Office of this Paper.

LONDON, N.W.—Competent Assistant, ineligible or over military age, required for a good-class Dispensing and Retail business; Window-dresser preferred. Apply, giving usual particulars, and state salary required, to T. J. Evans, Ph.C., 9 Royal Parade, Golder's Green.

LONDON, S.E.—Junior Assistant (ineligible) or lady, Dispensing and assist at Counter; no Sunday duty. Apply, stating salary (outdoors), and full particulars, Mason, Redholme, Exmouth Road, Bromley, Kent.

LONDON, S.W.—A competent Assistant in first-class Retail and Dispensing business; ineligible or beyond the military age. Apply, with full particulars of experience, salary required, in first letter, or personally, to "A. W.," c/o Alsop & Quiller, 137 Sloane Street, S.W.

LONDON, S.W.—Unqualified Assistant, ineligible for Army; outdoors; to take charge for a few weeks; closing 1 o'clock Wednesdays. Apply, "Verus" (228/13), Office of this Paper.

LONDON, S.W.—Wanted, smart, up-to-date, reliable Assistant for responsible position on the Counter; short hours; no Sunday duty. Personal application preferred, or fullest particulars to Drug Department, Francis & Son, Ltd., 448 Brixton Road, S.W.

LONDON S.W.—Assistant wanted in good-class Dispensing and Retail business; indoors. Apply, with usual particulars, to Tupholme, 1 Coleherne Terrace, Earl's Court, S.W.

LONDON, W.—Assistant wanted, with good all-round experience; not eligible for the Army. Please state age, experience, references, salary required, and when disengaged, to Manager, Mellin's Pharmacy, 48 Regent Street.

LONDON, W.—Manager for beginning of November, good Counterman and Prescriber; liberal salary and commission to suitable man; knowledge of Optics an advantage. Full particulars and when disengaged to 108/73, Office of this Paper.

LONDON, W.—Lady Assistant wanted, principally for making and putting up stock and assisting in Dispensing. 226/39, Office of this Paper.

LONDON, W.—Assistant; unqualified; ineligible; outdoors; active; experienced good-class trade; one day weekly; state experience, salary required. Apply, 229/25, Office of this Paper.

LONDON (West End).—At once, qualified Assistant; easy berth, short hours; suit elderly man or one ineligible for Army; outdoors. Apply, 226/15, Office of this Paper.

MANCHESTER.—An Assistant required for the Retail Counter of a high-class business; no Sunday duty or Insurance work; an Assistant desiring a permanency preferred; give full particulars of experience, age, and salary expected. Apply, 226/32, Office of this Paper.

MANCHESTER.—Qualified Manager; must be ineligible and a good Counterman. Send all particulars to "Quinine," c/o Quilliam & Co., Victoria Bridge, Manchester.

MANCHESTER District.—Junior Assistant (outdoors), unqualified, aged about 20, required for high-class Dispensing and Retail business. Address particulars as to experience, salary, etc., stating when at liberty, and enclosing photo, to T. Woodruff, Pharmaceutical Chemist, West Didsbury, Manchester.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitableness.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

NEAR MANCHESTER.—Wanted, qualified Assistant for quick Cash business; must be smart, a willing worker, and good Salesman. Address, with full particulars, age, references, and photo, 225/24, Office of this Paper.

NEATH.—Wanted, experienced Junior or Senior, soon as possible, or as temporary Assistant; no after hours or Sunday duty. J. Griffith Isaac, Pharmacist, Neath.

NEWCASTLE, Staffs.—Wanted at once, Branch Manager, qualified, ineligible, for good-class Store business. Apply, with references, stating age, experience, and salary required, to Oxene, Ltd., The Rexall Pharmacy.

ORMSKIRK, Near Liverpool.—Wanted immediately, Assistant; ineligible; outdoors; good salary. Give full particulars, Garside's, Ltd., Aughton Street, Ormskirk.

PLUMSTEAD, S.E.—Unqualified Assistant (outdoors) for Dispensing and Photographic business; state terms. Apply to A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E.

ROCHESTER.—Wanted, Assistant (ineligible) or lady, outdoors, Light Retail and N.H.I. Dispensing. Apply, with full particulars, Ostler & Co., Ltd., Chemists, Rochester, Kent.

S. WALES.—Qualified Assistant required for progressive Cash business; comfortable and permanent berth for willing worker. State salary required and when at liberty, "S. W." (226/501), Office of this Paper.

SOUTH COAST.—Competent Counter Assistant; outdoors; preferably qualified; accustomed high-class Store trade. Reply, with full particulars of experience, to Secretary, Palmeira House, Hove.

SOUTH OF ENGLAND.—Assistant required; free removal; permanency, with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTHPORT.—Wanted, an Assistant, outdoors, for good-class Dispensing business. Apply, stating salary required, age, references, etc., to West, Pharmacist, 25 York Road, Birkdale, Southport.

SWINDON.—Assistant (ineligible) for good-class Mixed Retail, Photography, and Dispensing. Green & Co., Swindon.

WOOLWICH.—Good position awaiting a responsible, reliable man to take charge of Dental Department; must be a good Extractor and able to Fill, Stop, take Impressions, and do Dental Repairs and Minor Mechanical work; generous treatment if willing and capable; old-established business; good income assured to suitable man. Address John F. Jefferson, 6 Russell Place, Green's End, Woolwich.

WORCESTER.—Assistant required, chiefly for Dispensing; qualification not essential. State age, experience, references, salary required, and enclose photo, Anderson & Virgo, Chemists, Worcester.

A VACANCY occurs in a large London Pharmacy for a young lady Improver; excellent opportunity to learn all branches of the business. Apply, giving full particulars, to "The Manager" (109/1), Office of this Paper.

ASSISTANT wanted for Cash business; hours 8.30-9; one clear day off a week, one in three Sunday evening duty; good salary to really good man; either at once or in a few weeks' time; replies treated in strict confidence. "Phenacetin" (225/28), Office of this Paper.

ASSISTANT, outdoors, ineligible for military service, for general Retail and N.H.I. Dispensing. State age, salary, and full particulars, to R. Mitton, Chemist, 13 Church Street, Barnoldswick, Yorks.

ASSISTANT wanted, qualified or otherwise, male or female; short hours, Saturday half-holiday; no Sunday duty. Apply, personally or by letter, to "Chemist," 28 Haymarket, London, S.W.

COUNTRY.—Manager, for duration of war, Light Retail and Mixed. Vaughan, Studley.

DISPENSER (male) wanted by Medical Practitioner; ten minutes from London Bridge; every afternoon free; easy hours. Apply, Dr. Davies, 22 Wolseley Street, Dockhead, Bermondsey, S.E.

LADY Dispenser (Hall qualification) in a good-class Dispensing business; easy hours; no Sunday duty. Send full particulars as to age, experience, salary required, and references, to Ridley & Son, Carlisle.

LADY Dispenser; Medical Practice, London, S.W.; state salary required (outdoors). Apply, 227/8, Office of this Paper.

LADY Dispenser-Secretary wanted at once for General and Panel Practice; must be experienced; not under 30 years of age. Apply, with all particulars, Tonkin, 740 Fulham Road, S.W.

MANAGER wanted for a small business in the provinces. Reply, stating salary, etc., to 228/17, Office of this Paper.

MANAGER wanted for high-class West-End Pharmacy. Apply, with full particulars, to 227/28, Office of this Paper.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

PORTER required in first-class business, not liable for military service. Apply, with full particulars, or personally, to "A. W.," c/o Alsop & Quiller, 137 Sloane Street, S.W.

QUALIFIED Assistant (ineligible) required for Light Retail and Dispensing business; no Sunday work, and half-day weekly. All particulars to Knight, 21 Merton Road, Wimbledon.

QUALIFIED lady wanted to assist another in small business in London; indoors; comfortable home; no Sunday duty. Address, stating salary required, and experience, to "Cooper" (226/20), Office of this Paper.

QUALIFIED Manager wanted at once; ineligible; good prospects to right man. State full particulars in first letter, T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

REQUIRED, qualified Dispenser; ineligible for Army. State experience and salary required, to "T. C. M.," Drug Dept., Junior Army & Navy Stores, 15 Regent Street, S.W.

REQUIRED, Counter Assistants, male and female, for West-End Retail establishment; applicants should be under 30 years of age. Write, stating full particulars of past experience, to "L. J. 982," Sells' Advertising Offices, Fleet Street, E.C.

SMART, unqualified Assistant to take charge of Drug Stores, S.W. district; must be able to Extract Teeth. Apply, 225/21, Office of this Paper.

SPRACKETTS, Retail and Shipping Chemists, Bristol, have a vacancy for a smart unqualified Assistant, with knowledge of Shipping preferred, but not essential; good prospects for a suitable man. Apply by letter, giving full particulars as to age, eligibility for Army, salary required, etc.

THOMPSON & CAPPER, 4 Lord Street, Liverpool, have a vacancy for an Assistant. State full particulars and salary required.

UNQUALIFIED Assistant; ineligible for military service or over age; used to N.H.I. Dispensing, Photographic, and Light Retail business; wages offered £2 2s. outdoors, with 5 per cent. commission on net turnover after passing the £700 per year mark; work consists of Managing Branch under owner's supervision; man wanted urgently, as previous Assistant has joined up. Hardy, Leiston, Suffolk.

UNQUALIFIED Assistant wanted; Junior preferred; ineligible for Army. State age, references, and salary. Taylor Gibson & Co., 17 Bigg Market, Newcastle-on-Tyne.

UNQUALIFIED Junior Assistant, reliable Window-dresser; ineligible. Send full particulars and salary required (outdoors), to Freshneys Drug Stores, 5 Victoria Street, Grimsby.

UNQUALIFIED; Store experience; over military age; steady; permanency. State salary, "Aspirin," 14 Edlington Lane, Warmsworth, nr. Doncaster.

WANTED, an Assistant (outdoors) for good-class Retail and Dispensing; ineligible. Apply, with full particulars and salary required, C. Stevens, 38 Heath Street, Hampstead, W.

WANTED, smart lady Assistant, Minor or Hall qualification; must have had Pharmacy experience, both in Counter and Dispensing; good references essential; good salary to suitable lady. Full details to Browell, Pharmacist, Dorking, Surrey.

WANTED, qualified Chemist, ineligible or over military age, to Manage Branch; good salary to a competent man. Full particulars in first letter; abstainer preferred; permanency; "Glamorgan" (226/24), Office of this Paper.

WANTED, thoroughly reliable Assistant; ineligible; good Dispenser essential; outdoors; good salary to suitable man; no Insurance Dispensing. Usual particulars to McKinnell, Chemist, Northampton.

WANTED, reliable Senior, qualified preferred; outdoors; reasonable hours; good salary. Apply, "Virile" (228/200), Office of this Paper.

WANTED, capable lady Assistant for Dispensing and Counter in North London. Please state full particulars as to experience and salary required, etc., to "Capacity" (228/2), Office of this Paper.

WANTED at once, Locum for month or so, lady or gentleman; unqualified. Apply, with thoroughly good references and salary required, to Geo. Heaton, Pharmacist, Ripley, Derbyshire.

WANTED at once, competent Assistant for Mixed business in healthy part of Notts (near Dukeries); suitable for lady Pharmacist; good salary. Latham, Chemist, Warsop, near Mansfield.

WANTED, thoroughly reliable Assistant, outdoors, for Light Retail and Dispensing; ineligible. Apply, stating age, height, salary, and references, Cave, Austin & Co., Ltd., 164 Rushey Green, Catford, S.E.

45s. WEEKLY (Outdoors).—Assistant wanted in good-class Retail and Dispensing business; good references essential. Apply, with full particulars, to Price, Chemist, 2 Guildford Road, Woking, Surrey.

WHOLESALE.

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DISCHARGED SERVICE MEN.

MESSRS. BURROUGHS WELLCOME & CO. are prepared to consider applications for employment from disabled service men, with experience of the Drug trade, provided that the disablement does not incapacitate them from carrying out the usual duties; applications from qualified men will receive special consideration. Apply by letter, with full particulars and stating precise nature of disablement, to "Service," c/o Burroughs Wellcome & Co., London, E.C.

ASSISTANT, used either to Wet or Dry. Counter; ineligible. State salary and give usual particulars to Secretary, Hedges (Chemists), Ltd., Birmingham.

ASSISTANT Chemist required by Manufacturing Chemists, London; Junior with good knowledge of mineral oils, animal fats, greases, etc., would find good opening. State salary and other particulars, "Z.Z. 383," c/o Deacon's, Leadenhall Street, E.C.

CAPABLE man as Drug Stockkeeper: ineligible, of course, for military service. Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool.

EXPERIENCED Assistant required for Counter Specialities for Packed Goods Department in London Wholesale House; ineligible. Apply, giving full particulars, 92/370, Office of this Paper.

INVOICE and General Clerk required by Export Merchants; knowledge of Bookkeeping essential, and must be exempted from military service. Apply, in writing, stating experience and salary desired, which must be moderate, 103/65, Office of this Paper.

LEADING London House requires experienced Checker and Despatch Clerk for Export Department; ineligible. Apply, giving full particulars, 92/73, Office of this Paper.

LABORATORY Manager wanted for the North of England, to Manufacture principally Toilet and Perfumery Articles, Ointments, Syrups, etc.; permanency; must be ineligible for military service. State qualifications and salary required to 108/2, Office of this Paper.

STOCKKEEPER required; experience necessary. Allen & Hanburys, Ltd., 7 Vere Street, W.

TRAVELLERS wanted, calling on Grocers, Chemists, Druggists, Hardware and General Stores, Garages, Engineering Works, Munition Works, etc., either as a Side Line or whole time; good salary and commission to smart man; applicants must state ground, approximate calls, etc., references. Write, Box B., c/o W. H. Smith & Son, 55 Fetter Lane, E.C.

WANTED, for Pharmacy Laboratory of provincial Manufacturing Chemists, capable, energetic, qualified man (exempt from military service), experienced in making B.P. Galenicals, Resinoids, etc., and to control small staff. State qualifications, references, and salary required, 108/7, Office of this Paper.

WANTED, man not eligible for military service to assist in Laboratory (Manufacturing Toilet Preparations). Write, stating age, previous experience, and salary required, to "X.Y.Z." (106/8), Office of this Paper.

WHOLESALE and Manufacturing Druggist's Manager, with first-class experience of similar position, none other entertained; liberal salary and possible interest in profits; exceptional opening for fully qualified and able man. Full particulars to 229/6, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for **50** words or less; **6d.** for every **10** words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CALCUTTA.—Qualified Assistant, free from military service, for large European House; 4 years' agreement; salary 275 rupees a month, second year 300 rupees per month, third year 325 rupees per month, fourth year 350 rupees per month; second-class passage paid out and home; good opportunity for a smart man. Apply, "G. K.," Evans Sons Lescher & Webb, Ltd., 50 Bartholomew Close, E.C.

NAIROBI, British East Africa.—Qualified Assistant required; exempt from military service; young man who has passed his Minor about three years; agreement for three years; salary £20, £25, and £30 per month respectively; passage paid out and home. Apply "G. K.," Evans Sons Lescher & Webb, Ltd., 50 Bartholomew Close, E.C.

SHANGHAI.—Qualified Assistant required in old-established high-class English House; ineligible for military service; English-speaking Belgian would be considered; liberal terms and conditions. Full particulars to "Shanghai," c/o Street's, Cornhill, E.C.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

A LOCUM or other appointment, Midlands or North; qualified; excellent references; ineligible; age 38; at liberty November 4. 226/37, Office of this Paper.

A. H. COOPER, M.P.S., Bridge Street, Bath, open for temporary engagements.

ASSISTANT or Managing Assistant (37), tall, married, N.H.I. Dispensing, requires permanency; 18 years' experience; disengaged. Apply to "C.," 2 Rhine Villa, Jackson Road, Clacton-on-Sea.

ASSISTANT; age 46; good experience; active. "W. A. R.," 41 St. Paul's Road, Highbury, N.

ASSISTANT, over military age, during war: London; good references; short hours. 227/340, Office of this Paper.

ASSISTANT; unqualified; ineligible; good all-round experience; London district; disengaged; discharged from Army. 10 Pier Road, Gravesend.

CHEMIST, with good Dental experience, seeks re-engagement; salary and commission; exempt. Apply, "Dent" (226/23), Office of this Paper.

DISENGAGED October 28th, Locum, permanency; excellent references. "Chemist," 1 Oxford Buildings, London Road, Cheltenham.

DISPENSER; qualified; ineligible; reliable; long experience. "A.," 2 Empire Road, Upton, Torquay.

DISPENSING, Bookkeeping, and Surgery Assistance.—Qualified and experienced lady disengaged; Locum, part-time, or permanency. Miss Sorsbie, 10 Finchley Road, N.W.

EVENINGS, occasional Sundays, Saturdays 2 p.m.—Qualified, 43. Pharmacist, 5 Claverton Street, S.W.

GIRL (16), just left School, wishes to help Pharmacist; North London preferred; would assist in Packing and help with Books; small salary. Apply, "Menthol" (229/19), Office of this Paper.

JUNIOR Assistant; 22; ineligible; Photography; disengaged. Paul, 15 Monk's Road, Exeter.

LADY Pharmacist, Minor (23), requires post as Dispenser; good experiences. State salary, Fenwick, "Seaholme," Mumbles, Glam.

LADY Dispenser, Bookkeeper; experienced; disengaged; good testimonials. Miss Cousens, 63 Myddelton Square, E.C.

LADY Dispenser (Apothecaries' Hall), experienced, requires re-engagement (London); Bookkeeping, etc. 227/2, Office of this Paper.

LADY Dispenser (Hall) seeks situation with Doctor or Hospital; 2½ years' practical work, large Chemist and Locum. Barford, 26 Whitbread Avenue, Bedford.

LADY Dispenser (Hall certificate) desires post in or near London; no Counter work; excellent references; free now. Apply, 226/38, Office of this Paper.

LADY Dispenser (Hall qualification) desires post with Doctor or Chemist; City preferred; previous experience. Apply, 229/22, Office of this Paper.

LADY Dispenser, qualified, desires post, Doctor, Institution or Locum. 229/24, Office of this Paper.

LOCUM; 49; single; unregistered; expert Prescriber, Counterman, and Stock; good references. "Statim," 19 Chapel Street, Uxbridge.

LOCUM Tenens or temporary for two or three months; over military age; disengaged October 20; references. "L. T.," 1 Eton Road, Newport, Mon.

MANAGER, Locum; qualified; exempt; good experience and references. Pharmacist, 12 Cullum Street, E.C.

MANAGER; qualified; elderly; energetic man, accustomed to sole charge; town or suburbs. Address 226/6, Office of this Paper.

MANAGER or Managing Assistant (34), unqualified, seeks permanency in good-class business; thoroughly experienced Counterman and Prescriber; Midlands or North preferred; but not essential. Fullest particulars, first letter, "Rhei," 134 Whitchurch Road, Cardiff.

MANAGER; qualified; 44; married; reliable, energetic. Neal, 43 St. Clement's Road, Bournemouth.

MANAGER or Locum, qualified (43), high-class Dispensing, N.H.I., Photography, desires responsible position in London; disengaged shortly. "Alpha," 9 Grantbridge Street, N.

MANCHESTER or District.—Lady (24), 8 years' experience in Retail Chemists, desires situation. Address 226/31, Office of this Paper.

QUALIFIED lady Dispenser requires post immediately, with Doctor or Institution; previous experience. Reply 107/41, Office of this Paper.

QUALIFIED; 23; ineligible for military service; good references and experience; Locum or Branch Manager; Midland Counties preferred, but not essential. Kirk, "Dunkirk," Tapton View Road, Chesterfield.

QUALIFIED; good Counter and Dispensing experience; 45. "Statim," 104 Heyworth Street, Liverpool.

QUALIFIED; elderly; single; good-class experience; moderate salary; reasonable hours. 227/18, Office of this Paper.

QUALIFIED.—Superintendency (Drug Stores) or Dispensership; Manchester or Leeds district preferred; ineligible. "Statim" (226/28), Office of this Paper.

RESPONSIBLE position required by Pharmacist; 28; ineligible; 10 years' experience; would undertake Locum. Apply, 224/29, Office of this Paper.

SUNDAYS, half Saturdays or some Evenings.—Unqualified; good Dispenser or Counter; London, West preferred. Reply, "Assistance" (226/12), Office of this Paper.

UNQUALIFIED, age 36, Manager or Assistant; ineligible; married; no encumbrance. State salary, 227/26, Office of this Paper.

YOUNG lady desires post, Dispenser to Doctor; two years' experience; easy reach Gerrard's Cross. Miss Thompson, St. Matthew's Lodge, Gerrard's Cross, Bucks.

YOUNG lady (Minor), experienced, requires post with Chemist in or near London. 228/7, Office of this Paper.

YOUNG and businesslike man, age 32, would like position to Manage Drug Stores; first-rate Salesman; would make headway with a good employer; a diligent worker, keen and cautious; Wholesale not objected to. "Eclipse," R. K., 34 Garlands Road, Redhill.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ADVERTISER, ineligible for Army, live connection London Shippers and Chemists, is open for additional Agency; established houses represented on commission and part expenses; highest credentials and guarantee. "B." (226/10), Office of this Paper.

ADVERTISER, young, exempt, possessing energy and initiative, accustomed to control of large Factory and clerical staff, seeks Department, Managerial, or responsible permanency. "B. C." (224/110), Office of this Paper.

DISCHARGED Soldier seeks post as Representative to Wholesale House; 10 years' Retail experience. "Active Service" (229/11), Office of this Paper.

ENERGETIC (29), with Manufactory, Laboratory experience, and Management executive staff, seeks position. "Foreman" (224/11), Office of this Paper.

FRENCH-SWISS gentleman desires position with Wholesale Druggist in London, in any capacity where he would be useful; speaks English fluently. Robert Deluz, 161 Elborough Street, Southfields, S.W.

LADY, qualified, desires post, Analytical Laboratory, Manufacturing Chemist; some experience London. Apply, 226/14, Office of this Paper.

PRACTICAL man seeks situation as Representative for good house during war; good references. 227/34, Office of this Paper.

TRAVELLER, age 46, qualified Chemist, requires re-engagement; many years' experience of road and connection; good selling record and first-class references; now disengaged. "Camphor" (227/12), Office of this Paper.

TRAVELLER, calling upon London Wholesale Sundries and Surgical Appliance houses, desires another commission; good-class Sundries of any description; advertiser has open accounts with practically all the leading houses. 229/9, Office of this Paper.

TRAVELLER, young, smart; ineligible; excellent connection London and outlying districts; disengaged shortly; Drugs or Toilet Proprietary. Apply, 229/10, Office of this Paper.

YOUNG man, ineligible, seeks commencing post in Manufacturing Laboratory; qualified October; four years' Retail, fourteen months' Works' experience. Further particulars, etc., 227/14, Office of this Paper.

MISCELLANEOUS.

COMPLETE SHOP-FITTINGS, suitable for Branch or beginner. —12-ft. Drugfitting, Glass Labelled Drawers, etc.; 6-ft. Wall Case; 5-ft. Bent Counter Case; 6-ft. Dispensing Screen Counter; Desk Perfume Case; 8-ft. Plate-glass Front Serving Counter; Counter Drawers; ready for use; £50, a real bargain. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

FOR Sale.—100 lb. Salol, U.S.P. Offers to "R. Y. 227," c/o Deacon's, 7 Leadenhall Street, London, E.C.

AGENT WANTED
FOR THE SALE IN THE UNITED KINGDOM OF
THEOBROMINE and CAFFEINE
Apply to No. 106/17, Office of this Paper.

CAMERAS WANTED.

Single models or dealers' stocks; high prices given. Original cost price allowed for Vest Pocket Kodaks with R.R. lenses. Also wanted urgently, Ensignettes, Watch-Pocket Carbines, etc. Prompt replies, courteous treatment. Goods returned immediately if no business, carriage paid.
WATSON'S, 84 HIGH ST., SHEFFIELD.

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz. Plain or graduated.
BEST QUININE TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz. Plain or graduated.
WHITE PHIALS.—½ oz., 1 oz., 1½ oz., 2 oz. Plain or teaspoons.
BLUE LOTION BOTTLES.—½ oz., 1 oz., 1½ oz., 2 oz., 3 oz., 4 oz., 6 oz., 8 oz., 12 oz.
PANEL BOTTLES.
We send six gross assorted or otherwise, carriage paid within seven miles, and to certain stations. Particulars on application.
CORKS.
Good Quality. For 6 and 8 oz. bottles, 1/6 per gross in 6 gross bags. For phials 1/- per gross in 3 gross bags.

I. ISAACS & CO.,
106 MIDLAND ROAD, ST. PANCRAS, LONDON, N.W.
Or ISLINGTON BOTTLE COMPANY, 7 New Inn Yard, Tottenham Court Road, London, W.
Orders sent to either establishment have attention.
Established 100 Years.

WAR WANTS EXCHANGE.

For the terms upon which announcements are inserted herein see Supplement for October 7, p. xxxvi.

WANTED.

Atophan tablets (six tubes) (224/12)
Carlsbad sprudel salts, powder (224/5)
Diamedophenol (amidol) (107/54)
Iodoglidine (214/30)
Phenacetin powder or tablets (228/8)
Phenazone (228/8)
Pot. permang. (107/54)
Validol (genuine) (228/8)

FOR DISPOSAL.

Bona-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Acid. salicylic. pulv., 4 oz. (224/13)
Amidol (Hauff), 1 × 1 oz. (224/13)
Antim croc., 14/28 lb. (107/54)
Hydrargyrum, 5 lb. (224/13)
Hydrarg. iodid. rub., 6 lb. (224/13)
Morph. acetat., nearly 1 oz. (224/13)
Ortol (Hauff), 3 × 1 oz. (224/13)
Salicin, 4 oz. (224/13)

HALT!
You cannot afford to pass this opportunity. We will send you range of Samples post paid for **6d. in stamps.** The stamps are for cost of postage: we give you the specialities free. We have large stocks and can give you quick dispatch. Our goods are quick sellers. We sell to wholesale buyers only. Terms: Cash with order. **100% Bonus** given with opening orders. Send that 6d. now and begin to make money.
NI-VERRE CHEMICAL COMPANY,
5 to 7 Ormeau Avenue, BELFAST (Ireland).

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

DENTAL.

FOR sale, dental showpieces, celluloid and vulcanite. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

FOR sale, 7 lb. potass. bichromate, 1¾ lb. potass. ferrocyanide (red prussiate); both perfect condition; what offers? Hunter, Pharmacist, Carlisle.

OL. juniperi bacc. P.B., 1 lb.; Hendrie's jockey club and ess. bouquet original botts., 3s. 6d. and 5s. 6d.; what offers? Apply, 224/20, Office of this Paper.

600 × gr. 2 quin. bisulph. tabs., 6s. all; 4 oz. gr. 5 antipyrin tabs., 10s. all; 4 oz. gr. 5 sulphonal tabs., 7s. all; 5 oz. gr. 5 phenacetin tabs., 6s. oz.; 500 × gr. 7½ aspirin tabs. (B. & W.), 20s. all; 2 × 4 oz. B. & W. tr. strophanth conc., 7s. lb.; 2 × 4 oz. B. & W. tr. cascarill conc., 4s. lb.; 2 × 4 oz. B. & W. tr. chiretta conc., 4s. lb.; 2 × 4 oz. B. & W. tr. hydrastis conc., 20s. lb.; 1 × 8 oz. B. & W. tr. hydrastis conc., 20s. lb. Stevens, 97 Borough High Street, S.E.

PROPRIETARY ARTICLES.

SIKES hydrometer, Farrow & Jackson; never been used; cost £2 2s. 6d.; will accept 30s. Walpole, 22 Dorset Street, Baker Street, W.

WANTED.

SACCHARINE or saccharine tablets, any quantity or job lots. Walton, Batley Carr.

GOOD, second-hand optician's cabinet. Full particulars to Pearson, Chemist, Woolston.

"GUYCOSE" (Bayer). State lowest price, quantity, to Perkin, Pharmacist, Croydon.

A BAKING-POWDER machine to mix 14 lb. to 28 lb. J. Wearing, Chemist, St. Just.

WANTED, second-hand books on cattle and horses. "Radix" (224/21), Office of this Paper.

WANTED, wall case, about 9 ft. wide, 8 ft. high, also one 5 ft. × 5 ft., about. A. Upson, Chemist, Maidenhead.

FIRE QUEEN.—Wanted, a quantity of acid bulbs made to mould for 1½-gall. extinguishers. State price per gross and time of delivery, H. Roberts, 13 Leicester Road, Bootle.

WANTED, old "Lancets," "Pharmaceutical Journals," "Chemist and Druggists," or any newspapers, for cash. Mitchell, 48 Newall Street, Bradford.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WITTE'S Peptone.—Could any Chemist oblige with small sample (say 100 grammes or less) original Witte's peptone for comparative purposes? Apply, 104/51, Office of this Paper.

WANTED, Bayer's ung. Cycloform Co., half-dozen tubes or less. State number and price to Grossmann & Co., Ltd., 8 Onslow Place, South Kensington, S.W.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO. LTD., 1 New-street Square, and Published by the Proprietors at 42 Cannon Street, in the City of London.—*October* 21, 1916. [72]

ÉTABLISSEMENTS CHATELAIN,

2 & 2 bis RUE DE VALENCIENNES, PARIS.

Sole Manufacturers of

JUBOL

Re-education of the Intestine.
Constipation, Enteritis. Hæmorrhoids, Indigestion, Skin Blemishes, &c.

Price **5/-** per box.

GLOBÉOL

Powerful Blood Tonic.
Anæmia, Nervous Exhaustion, General Debility, Tuberculosis Convalescence, etc.

Price **5/-** per bottle.

PAGÉOL

Powerful Urinary Antiseptic.
Gonorrhœa, Cystitis, Prostatitis, Catarrh of the Bladder, Renal Tuberculosis, Hypertrophy of the Prostate, etc. etc.

Price **5/-** and **11/-** per box.

JUBOLITOIRES

Scientific Suppositories.
Hæmorrhoids, Rectitis, Anal Fistula, etc.
Anti-hæmorrhagic, Sedative, De-congesting.

Price **5/-** per box.

URODONAL

Powerful Uric Acid Solvent.
Rheumatism, Gout, Arterio-sclerosis, Stones, Gravel, Sciatica, Neuralgia and all Uric Acid disorders.
Price **5/-** and **12/-** per bottle.

VAMIANINE

New Scientific Preparation for Syphilis, Chronic Skin Affections, Psoriasis, Eczema, Acne, etc.

Price **11/-** per bottle.

GYRALDOSE

Antiseptic for local Gynæcological use.
Leucorrhœa, Metritis, Salpingo-Ovaritis, Discharges, etc.

Price **4/-** per box.

FANDORINE

Internal remedy for Women's diseases, Metrorrhagia, Dysmenorrhœa, Irregularities, Pregnancy, Lactation, Pains, etc. etc.
Price **5/-** and **11/-** per bottle.

SINUBÉRASE

Remedy for Intestinal Disorders, Dysentery, Diarrhœa, Dyspepsia, Enteritis, Infectious Diseases, Skin Eruptions, etc. etc.
Price **5/-** per bottle.

FILUDINE

Specific for the Liver.
Malaria, Diabetes, Cirrhosis, Sluggish Liver, Tuberculosis, etc.

Price **11/-** per bottle.

Heppells

BRITISH AND COLONIAL AGENTS—
Foreign Chemists, 164 PICCADILLY, LONDON, W.
Stocked by all Wholesalers. Now being largely advertised.

BRONCHIAL WAFERS

Some years ago, in response to a demand for a high-class concentrated Bronchial Wafer, we perfected the finest known formula and introduced it into the market

ON A LARGE SCALE.

We spared no effort to make this wafer

THE BEST OF ITS CLASS

in therapeutic efficacy—in instantaneous effect—in perfection of form, with the result that to-day, although the number of "Wafers" on the market is legion, our make is still

UNSURPASSED and UNAPPROACHED.

Suitable alike for the highest class and the humblest trade, these Wafers offer superlative value to the consumer, and are the means of bringing numbers of customers to the Pharmacy, orders being repeated time after time.

In past years we have sold them **in millions,** and the sale is ever increasing.

Price in bulk; 3/6 per lb.
28 lbs., 3/4
1 cwt., 3/2
less 5%.

Artistic Tins for the waistcoat pocket—
Large, 4½d. Retail; 3/- per doz., 3 doz., 34/- per gross
Small, 3d. Retail; 2/- per doz., ½ gross, 22/- per gross
net.

These Wafers average **120** to the **ounce.**
The large tin contains about **90** Wafers.
The small tin contains about **60** Wafers.
Hand-cut—**Potential in effect**—of beautiful finish.

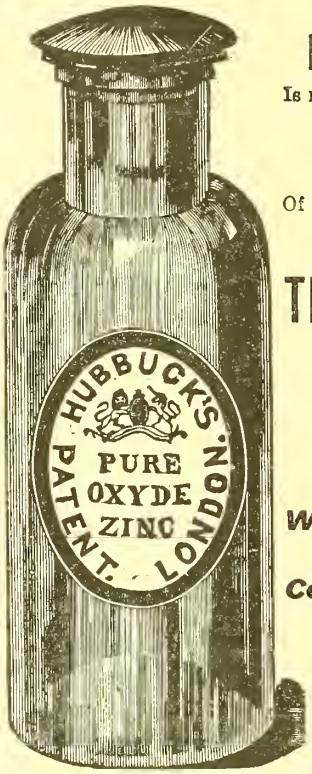
RAIMES & CO., Wholesale Druggists, YORK.

HUBBUCK'S PURE OXIDE OF ZINC.

Sold by the following Wholesale Druggists In Boxes of 7 lbs. and 14 lbs. stamped by the Manufacturers; also in 1-lb. Boxes and 1-lb. Glass Bottles:—

Allen & Hanburys (Lim.)
Baiss Bros. & Stevenson (Lim.)
Bell, Jno., & Co.
Bleasdale (Lim.) [(Lim.)
Boots' Pure Drug Co.
British DrugHouses(Lim.)
Burgoyne, Burbidges & Co.
Butler & Crispe
Clay, Dod & Co.
Cockburn & Co. (Lim.)
Corbyn, Stacey & Co.
Dakin Brothers. [(Lim.)
Duncan, Flockhart & Co.
Evans, Gadd & Co.
Evans Sons Lescher & Webb (Lim.)
Ferris & Co.
Gale & Co.
Glasgow Apothecaries' Co.
Glasgow New Apothecaries' Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan (Lim.)
Harkness, Beaumont & Co.
Hatrick, W. & R., & Co.
Hirst, Brooke & Hirst.
Hodgkinson, Prestons & King.
Hodgkinsons, Clarke & Ward.
Horner & Sons.
Huskisson, H. O., & Co.
Inman's Stores (of Edinboro').
Ismay, John, & Sons
Lofthouse & Saltmer (Lim.)
Oldfield, Pattinson & Co.
Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R., & Co.
Taylor, James.
Thompson, John (Lim.)
Willows, Francis, Butler & Thompson (Lim.)
Woolley, Jas., Sons & Co. (Lim.)
Wright, Layman & Umney (Lim.)
Wyleys (Lim.)

Barry, E. J., New York.
Carter, Carter & Kilham, Boston.
Finlay & Branswig, New Orleans.
Langley & Michaels, San Francisco.
Lehn & Fink, New York.
McKesson & Robbins, New York.
Muth Brothers & Co., Baltimore.
Roller & Shoemaker, Philadelphia.
Schieffelin, W. H., & Co., New York.
Shoemaker, R., & Co., Philadelphia.



HUBBUCK'S PURE OXIDE

Is made by Sublimation, and is Warranted to contain upwards of

99 PER CENT.

Of Pure Oxide; in fact the impurities are not traceable.

THOS. HUBBUCK & SON, LTD.

(Established 1765)

24 LIME STREET, LONDON, E.C.

Manufacturers of—

White Lead, White Zinc, Paints, Oils, Colours, Varnishes, &c.

Australian Office—
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The Manufacturers supply their Pure Oxide Wholesale only, in quantities of not less than 2 cwt.

T. & H. SMITH LTD

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MORPHINE, CODEINE

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Blandfield Works, EDINBURGH. ***22 City Road, LONDON.*** ***37 Washington Street, GLASGOW.***

QUININE & QUININE SALTS

Quality and Colour Unsurpassed.

Sugar-coated Quinine Tablets.
Sugar & Silver-coated Quinine Pills.
Gelatine-coated Oval Quinine Pills.

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QUINIDINE - - } & SALTS

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Telegrams: "Kininefabriek Bandoeng"; "Schalkwyk Amsterdam."

Monsanto Chemical Works,
ST. LOUIS, MISSOURI, U.S.A.

Manufacturers of

ACETANILID.

ACETPHENETIDIN (PHENACETIN). **CAFFEINE** (Pure Alkaloid).

CHLORAL HYDRATE. **COUMARIN.**

GLYCEROPHOSPHATE OF CALCIUM.

Glycerophosphate of Sodium
Pure Crystals.

Glycerophosphate of Sodium
Pure Crystals Powdered.

GLYCEROPHOSPHATE of SODIUM 75%
Glycerophosphate of Potassium 75%

Also Glycerophosphate of Iron, Manganese, Magnesium.

Phenolphthalein. Saccharin. Vanillin.

New York Branch: Platt and Pearl Streets.

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HYDROQUINONE
DIAMIDOPHENOL (Amidol)
EXOL (Metol Substitute)
CAFFEINE ALKALOID
FORMALDEHYDE
SALICYLATES
BROMIDES

ALSO

ALL SCARCE AND PRECIOUS DRUGS AND CHEMICALS.

American Bureau of Foreign Trade
Importers and Exporters of Drugs and Chemicals,
44 WHITEHALL ST., NEW YORK

Cable Address: "NOMEREXPO." ALL CODES.

PEPSINE-STEARNS, B.P. & U.S.P. in SCALE, POWDERED & GRANULAR

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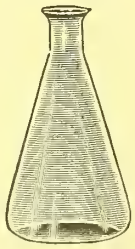

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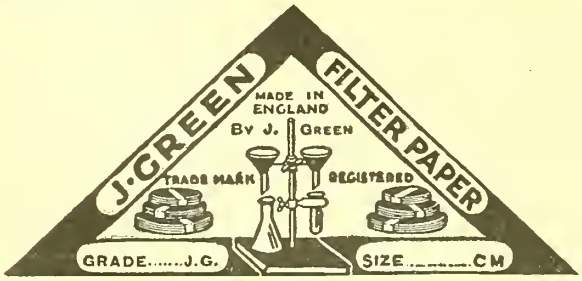

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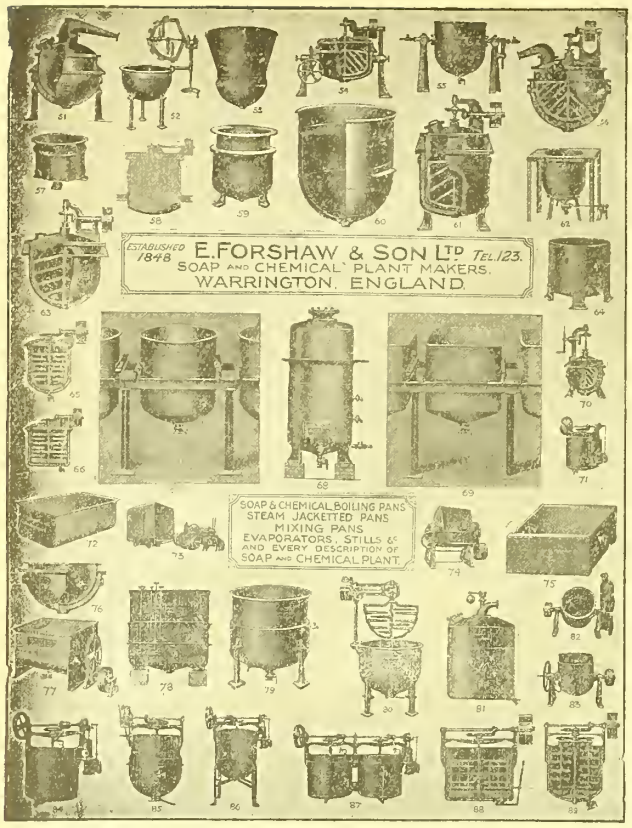

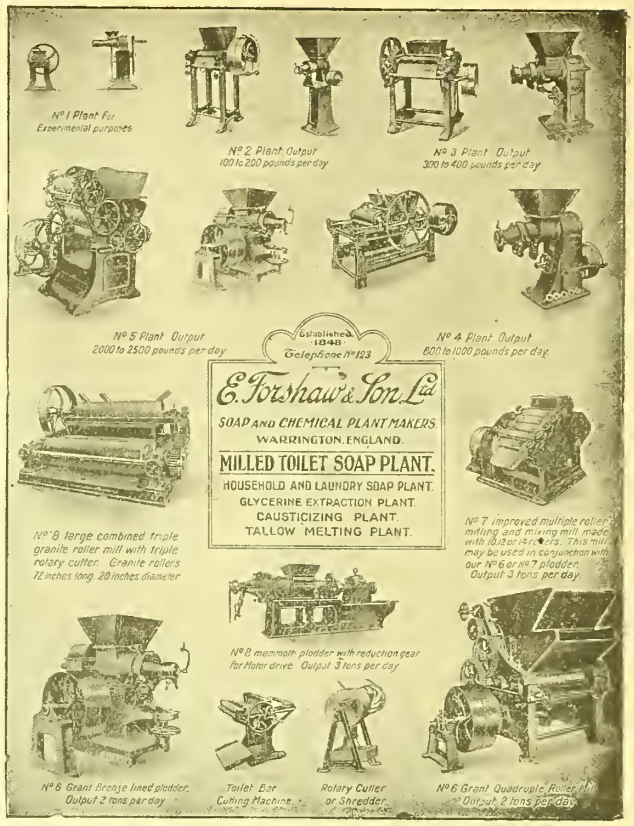

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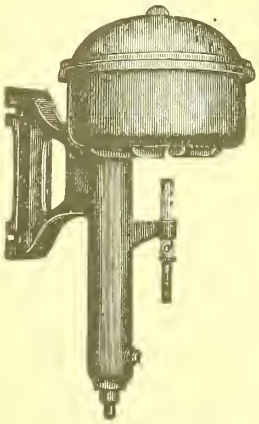

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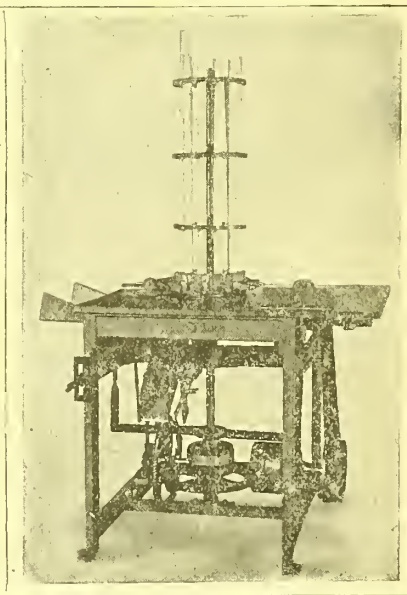

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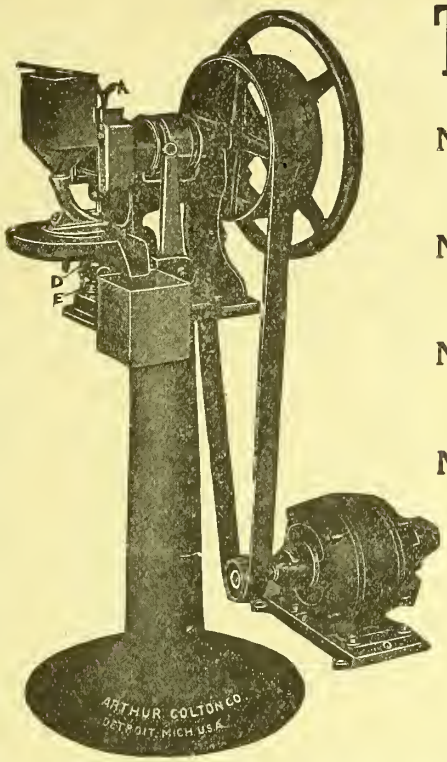

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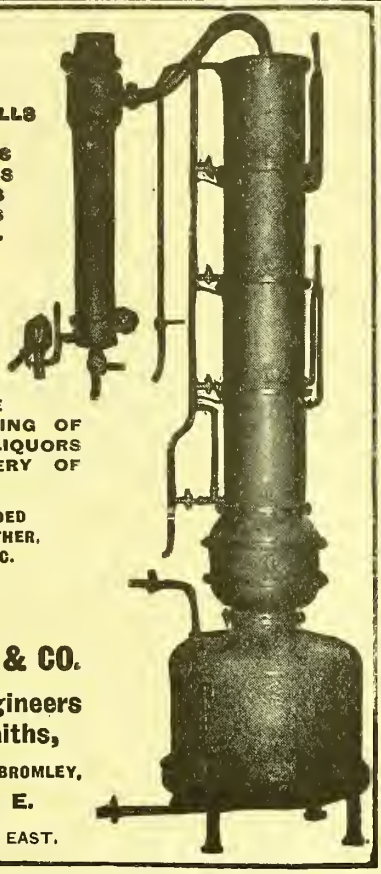

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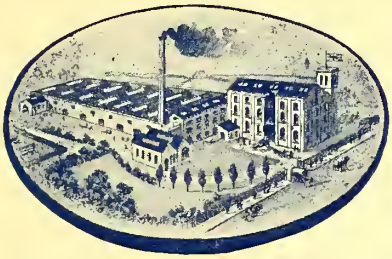

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